

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 39

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2890

At _____

Shipping Date 3/24/13

By RROK Freight Charges: Collect _____ Prepaid XXX Purchase Order No. _____

Location No. 2820/2319

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 5-AR-103-20-55-00139 Exp. Date 5/1/15

Destination 7-LL-10 Blandry RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AR Customer No. _____

Route _____

Charge Account of 1-870 574-0580 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION	H M	Placards Applied to Railcar or Motor Vehicle
<u>752/16</u>	<u>42PT</u>	UN0161, Powder, Smokeless, 1.3C, PG II			#112	<u>2010040203</u>	<u>X</u>	EXPLOSIVES 1.3
<u>No Packaging List</u>		<u>1ST LOAD</u>	<u>Monica Kelly</u> <u>Monica Kelly 4/02/13</u>				Truck No. <u>10436</u>	
							Trailer No. <u>17749</u>	
<u>No Packaging List</u>		<u>WO# 215587</u>	RECEIVED <u>APR - 2 2013</u> AUSTIN POWDER COMPANY EAST CAMDEN PLANT				Mileage <u>252</u>	
							Total <u>252 16, FD</u> <u>Q 140458A</u> Packages	
<u>No Packaging List</u>		<u>Send #</u> <u>7083849/7083850</u>					Gross	
							Weight # <u>39,000</u>	
<u>No Packaging List</u>							Net Explosive Weight	
							<u>35,280</u>	

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 CC644589

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 382-8700

Per _____ DOT Hazardous Material Handling Number _____ Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition. Received By [Signature] Date 3-28-13 Q CONSIGNEE Q CARRIER AUTHORIZED RECEIVER

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)											
(Read Instructions before completing this form.)											
This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.					1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER 2890						
SECTION I - DOCUMENTATION				ORIGIN a.			DESTINATION b.				
2. CARRIER/GOVERNMENT ORGANIZATION				RPUK							
3. DATE/TIME OF INSPECTION				3/28/13							
4. LOCATION OF INSPECTION				EXDIO SYSTEMS INC							
5. OPERATOR(S) NAME(S)				BANKETT, HANNAH							
6. OPERATOR(S) LICENSE NUMBER(S)				R20343009 MD							
7. MEDICAL EXAMINER'S CERTIFICATE*				1-3-15							
8. (X if satisfactory at origin)							9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*				
a. MILITARY HAZMAT ENDORSEMENT		<input checked="" type="checkbox"/>		d. ERG OR EQUIVALENT COMMERCIAL:		YES		NO			
b. VALID LEASE*		<input checked="" type="checkbox"/>		e. DRIVER'S VEHICLE INSPECTION REPORT*		<input checked="" type="checkbox"/>		a. TRUCK/TRACTOR			
c. ROUTE PLAN		<input checked="" type="checkbox"/>		f. COPY OF 49 CFR PART 397		<input checked="" type="checkbox"/>		b. TRAILER			
SECTION II - MECHANICAL INSPECTION											
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.											
10. TYPE OF VEHICLE(S) TRACTOR/TRAILER / DROM					11. VEHICLE NUMBER(S) TRAC # 6436 / TRL # 17749						
12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		13. INSPECTION RESULTS (X one)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)	
	SAT	UNSAT	SAT	UNSAT		SAT	UNSAT	SAT	UNSAT		
a. SPARE ELECTRICAL FUSES					<input checked="" type="checkbox"/> ACCEPTED <input type="checkbox"/> REJECTED					K. EXHAUST SYSTEM	
b. HORN OPERATIVE											L. BRAKE SYSTEM*
c. STEERING SYSTEM											M. SUSPENSION
d. WINDSHIELD/WIPERS											N. COUPLING DEVICES
e. MIRRORS											O. CARGO SPACE
f. WARNING EQUIPMENT											P. LANDING GEAR*
g. FIRE EXTINGUISHER*											Q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING											R. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS											S. TARPULIN*
j. FUEL SYSTEM*											T. OTHER (Specify)
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED <input checked="" type="checkbox"/> REJECTED <input type="checkbox"/>						15. REMARKS					
16. INSPECTOR SIGNATURE (Origin)					17. INSPECTOR SIGNATURE (Destination)						
SECTION III - POST LOADING INSPECTION											
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.						ORIGIN (1)		DESTINATION (2)		COMMENTS (3)	
						SAT		UNSAT			
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR											
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT											
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT											
21. PROPER PLACARDS APPLIED											
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS						N/A					
23. COPY OF DD FORM 628 FOR DRIVER											
24. SHIPPED UNDER DOT SPECIAL PERMIT 868						N/A					
25. INSPECTOR SIGNATURE (Origin)					26. DRIVER(S) SIGNATURE (Origin)						
27. INSPECTOR SIGNATURE (Destination)					28. DRIVER(S) SIGNATURE (Destination)						



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318.382.8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PERSONAL PROTECTION	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
Additional Information		F
PERSONAL PROTECTION EQUIPMENT		
A	n	O
q	f	S
U	W	y
Z	Consult your supervisor or S.O.P. for "SPECIAL" handling directions	

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel.

Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

East Building, PH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Handwritten signature: Harpriet H. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

R & R Trucking, Inc.



NEI Transport, LLC



AATCO



TRUCK NUMBER

6436

TRIP MILEAGE AND ROUTE SHEET

TRAILER #	17749
DRIVER #1 NAME	Heather Burnett
LOAD #	WO # 215987
DRIVER #2 NAME	Jeff Burnett

ENDING HUB	
BEGINNING HUB	
TOTAL MILES	

LAST CITY UNLOADED IN ON THE PRIOR TRIP	
THIS TRIP LOADED IN	
DESTINATION CITIES	

DATE	STATE	ROUTES OF TRAVEL	HUB READING	GAL. / FUEL PURCHASED	COMMENTS (WHERE FUEL PURCHASED)
3/28		Special Minden Project	BEGINNING		
		\$1010 Day Rate			
		\$150 Fuel Rate			
		unloaded 181004			
		AM - unloaded E. Camden			
		TRU # 181004			
		brought empty 181004			
		to Minden, LA			
		Plu 17749, dropped			
		in E. Camden Yard			
			ENDING		

ATTACH ORIGINAL FUEL TICKETS TO THE BACK

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE *Wood 40*

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
1600 Java Road
Minden, LA 71055

Shipper's No. 2898

Shipping Date 4-2-13

Purchase Order No. _____

At _____

By RAUK Freight Charges: Collect _____ Prepaid Y Location No. 2328

WO# 215592

(Mail or Street Address of Consignee -- For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 5-139-103-20-SE 00139 Exp. Date 5/1/15

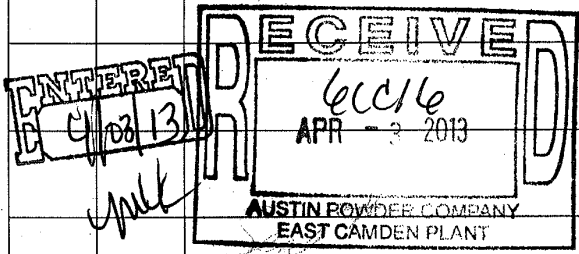
Destination 7100 Bluffwood Rd State _____ Exp. Date _____

County EAST CAMDEN PAR Customer No. _____

Route _____

Charge Account of 1-800-571-0536 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <u>177</u>
								Trailer No. <u>681457</u>
								Mileage
								Total <u>2516.00</u> Packages
								Gross Weight # <u>89000</u>
								Net Explosive Weight <u>35780</u>



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC -- DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 601-641-559

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By V. F... Date 4-2-13
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____ By _____ Date _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

LOAD 40

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-2-13

B/L# 2898 TRL 6810057

M-6

IND86E-070616 7 PTS

IND83G-070281 7 PTS

IND82K-070175 12 PTS

IND83M-070322 12 PTS

IND81F-070024 3 PTS

IND83F-070276 1 PT

35,280 lbs

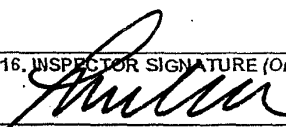
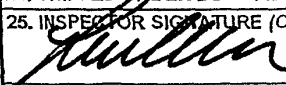
42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)										
(Read Instructions before completing this form.)										
This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.					1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER 2898					
SECTION 1 - DOCUMENTATION					ORIGIN a.		DESTINATION b.			
2. CARRIER/GOVERNMENT ORGANIZATION PERK										
3. DATE/TIME OF INSPECTION 4/2/13										
4. LOCATION OF INSPECTION EXDLO SYSTEMS INC										
5. OPERATOR(S) NAME(S) FRANK ANTHONY										
6. OPERATOR(S) LICENSE NUMBER(S) 13631449 TX										
7. MEDICAL EXAMINER'S CERTIFICATE* 10/10/14										
8. (X if satisfactory at origin)					9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*			YES NO		
a. MILITARY HAZMAT ENDORSEMENT		<input checked="" type="checkbox"/>		d. ERG OR EQUIVALENT COMMERCIAL:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		a. TRUCK/TRACTOR <input checked="" type="checkbox"/>		
b. VALID LEASE*		<input checked="" type="checkbox"/>		e. DRIVER'S VEHICLE INSPECTION REPORT*		<input checked="" type="checkbox"/>		b. TRAILER <input type="checkbox"/>		
c. ROUTE PLAN		<input checked="" type="checkbox"/>		f. COPY OF 49 CFR PART 397						
SECTION II - MECHANICAL INSPECTION										
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.										
10. TYPE OF VEHICLE(S) TRACTOR/TRAILER/DROM					11. VEHICLE NUMBER(S) TRAC #6177 / TRL #6810057					
12. PART INSPECTED (X as applicable)		ORIGIN (1)		DESTINATION (2)		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
		SAT UNSAT		SAT UNSAT		SAT UNSAT		SAT UNSAT		
a. SPARE ELECTRICAL FUSES		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		k. EXHAUST SYSTEM
b. HORN OPERATIVE		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		l. BRAKE SYSTEM*
c. STEERING SYSTEM		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		m. SUSPENSION
d. WINDSHIELD/WIPERS		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		n. COUPLING DEVICES
e. MIRRORS		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		o. CARGO SPACE
f. WARNING EQUIPMENT		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		p. LANDING GEAR*
g. FIRE EXTINGUISHER*		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		s. TARPULIN*
j. FUEL SYSTEM*		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		t. OTHER (Specify)
13. INSPECTION RESULTS (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)										
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
15. REMARKS										
16. INSPECTOR SIGNATURE (Origin) 					17. INSPECTOR SIGNATURE (Destination)					
SECTION III - POST LOADING INSPECTION										
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.										
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)				
		SAT UNSAT		SAT UNSAT						
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
21. PROPER PLACARDS APPLIED		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS		N/A		N/A						
23. COPY OF DD FORM 626 FOR DRIVER		N/A		N/A						
24. SHIPPED UNDER DOT SPECIAL PERMIT 868		N/A		N/A						
25. INSPECTOR SIGNATURE (Origin) 					26. DRIVER(S) SIGNATURE (Origin) XO. Frank 4-2-13					
27. INSPECTOR SIGNATURE (Destination)					28. DRIVER(S) SIGNATURE (Destination)					

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-2-13

B/L# 2898 TRL 6810057

M-6

IND86E-070616 7 PTS

IND83G-070281 7 PTS

IND82K-070175 12 PTS

IND83M-070322 12 PTS

IND81F-070024 3 PTS

IND83F-070276 1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318.382.8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PERSONAL PROTECTION	4
PERSONAL PROTECTION [B]	

HAZARD INDEX	
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification
3 = SERIOUS HAZARD	
2 = MODERATE HAZARD	
1 = SLIGHT HAZARD	
0 = MINIMAL HAZARD	
Additional Information	

PERSONAL PROTECTION EQUIPMENT			
A Safety Glasses	B Safety Glasses	C Eye Protection	D Goggles
E Respirator	F Respirator	G H2S Detector	H Hazardous
I H2S Detector	J Hazardous	K Hazardous	L Hazardous
M Hazardous	N Hazardous	O Hazardous	P Hazardous

PERSONAL PROTECTION INDEX	
A	Eye Protection
B	Eye Protection + Hand Protection
C	Eye Protection + Hand Protection + Foot Protection
D	Eye Protection + Hand Protection + Foot Protection + Head Protection
E	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection
F	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection
G	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection
H	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection
I	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection
J	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection
K	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
L	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
M	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
N	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
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P	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
Q	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
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S	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
T	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
U	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
V	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
W	Eye Protection + Hand Protection + Foot Protection + Head Protection + Respiratory Protection + Hearing Protection + Skin Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel.

Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Handwritten signature: Harpriet - Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

40
2898

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND86E070616				D533 / M6 propellant		
Date of analysis:				Date: 19 NOV 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml			Solvent ACN	
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	2.068	135.8	654.4	0.482	
2,4-DNDPA	50.0	5.182	717.3	0	0.000	
2,2' DNDPA	50.0	7.635	736.3	13022.2	0.000	
2,4' DNDPA	50.0	11.713	779	0	0.000	
4NDPA	50.0	13.454	462.4	0	0.000	
2NDPA	50.0	15.161	1164.1	0	0.000	
DPA	200.0	16.583	4078.5	221.2	0.022	
N-NitrosoDPA	75.0	18.033	1011.7	0	0.000	
				0.504		
Avg. % Stabilizer for Lot				0.504		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.50 %		
Analyst Signature				Stable YES Unstable		
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83M070322		D533 / M6 propellant	
Date of analysis:		Date: 12 APR 2012	
Other Information M6 Propellant	Sample Data		Solvent
	#1	0.50 g	100 ml ACN
Standards (ERG-006)			Sample #
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1 Intg. Area Conc. %
4,4' DNDPA	50.0	0.882	28.4 566.5 1.995
2,4-DNDPA	50.0	3.244	978.3 0 0.000
2,2' DNDPA	50.0	4.803	3426.7 22442 0.000
2,4' DNDPA	50.0	6.74	1061.1 499.4 0.047
4NDPA	50.0	8.012	1726.9 66.2 0.004
2NDPA	50.0	9.091	3662.4 113.4 0.003
DPA	200.0	10.394	6185.4 978.3 0.063
N-NitrosoDPA	75.0	10.968	1530.7 0 0.000
			2.112
Avg. % Stabilizer for Lot			2.112
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D			
Analyst Kisha Dickerson	Avg. Tot. Stabilizers 2.11 %		
Analyst Signature	Stable	YES	Unstable
Lab. Supervisor Signature	Comments		
	CATEGORY: A		
Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070276

D533 / M6 propellant

Date of analysis:

Date: 4 Sep 2012

Other Information
M6 Propellant

Sample Data
#1

0.50 g

100 ml

Solvent
ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Sample #	
				Intg. Area	Conc. %
4,4' DNDPA	50.0	0.889	48.8	578.6	1.186
2,4-DNDPA	50.0	3.418	914.3	0	0.000
2,2' DNDPA	50.0	5.22	777.3	23990	0.000
2,4' DNDPA	50.0	7.622	980.5	0	0.000
4NDPA	50.0	9.134	1586.8	40.6	0.003
2NDPA	50.0	10.417	2826.3	88.7	0.003
DPA	200.0	11.797	5671.5	812.6	0.057
N-NitrosoDPA	75.0	12.757	1337.5	0	0.000

1.249

Avg. % Stabilizer for Lot

1.249

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Mike Kile

Avg. Tot. Stabilizers **1.25 %**

Analyst Signature

Stable YES | **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83G070281			D533 / M6 propellant		
Date of analysis:			Date: 4 April 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.881	40.9	93.7	0.229
2,4-DNDPA	50.0	3.279	928	0	0.000
2,2' DNDPA	50.0	4.66	26957	26191	0.000
2,4' DNDPA	50.0	6.571	992.8	0	0.000
4NDPA	50.0	7.798	1662.7	158.3	0.010
2NDPA	50.0	8.806	2938.9	98.9	0.003
DPA	200.0	10.221	5774.5	1004.4	0.070
N-NitrosoDPA	75.0	10.895	1475.9	0	0.000
					0.312
Avg. % Stabilizer for Lot					0.312
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.31 %		
Analyst Signature			Stable YES		Unstable
			Comments CATEGORY: A		
Lab. Supervisor Signature					
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82K070175				D533 / M6 propellant			
Date of analysis:				Date: 6 AUG 2010			
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml			Solvent ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0		1	0	0.000		
2,4-DNDPA	50.0	4.91	382.3	5134.1	1.343		
2,2' DNDPA	50.0	9.825	437	0	0.000		
2,4' DNDPA	50.0	11.341	632.4	87.4	0.014		
4NDPA	50.0	11.95	441.7	0	0.000		
2NDPA	50.0	12.713	827.6	192.5	0.023		
DPA	200.0	14.06	2176	90.1	0.017		
N-NitrosoDPA	75.0	14.999	558.4	254.6	0.068		
					1.465		
Avg. % Stabilizer for Lot					1.465		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 1.46 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 41

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055	Shipper's No. 2899
At _____	Shipping Date 4/13/13
By RRW	Purchase Order No. _____
Freight Charges: Collect _____ Prepaid YW	Location No. 1607

(Mail or Street Address of Consignee — For purposes of notification only)		
Consigned to Austin Powder Co	Fed Lic. 5-PR 103 20-50 00139	Exp. Date 5/1/15
Destination 7.66.10 Blandy Rd	State Lic. _____	Exp. Date _____
County East Camden MS	Customer No. _____	
Route _____		
Charge Account of 1-870 571 0500	Customer P.O. No. _____	Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. _____
								Trailer No. _____
								Mileage _____
								Total _____
								Packages _____
								Gross _____
								Weight # _____
								Net Explosive Weight _____

ENTERED
4/10/13
cmc

RECEIVED
66618
APR - 3 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
Tel) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper) By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-3-13

B/L# 2899 TRL 6810053

M-6

IND82L-070177 7 PT
IND88A-070891 2 PTS
IND89E-071043 1 PT
IND85C-070512 5 PTS
IND88D-070716 4 PTS
IND87H-070720 3 PTS
IND86E-070620 1 PT
IND84E-070434 2 PTS
IND86L-070640 1 PT
IND88J-070970 2 PTS
IND86E-070616 1 PT
IND82H-070166 1 PT
IND82K-070175 2 PTS
IND83F-070276 1 PT
IND85K-070598 1 PT
IND81D-070015 1 PT
IND88H-070966 1 PT
IND82B-070106 1 PT
IND85B-070509 1 PT
IND85J-070596 1 PT
IND84H-070462 1 PT
IND83B-070509 1 PT
IND85A-070504 1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

*Load 41
60018*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
 (Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2899

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TRUCK	
3. DATE/TIME OF INSPECTION	4/13/13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PERKINS, MARVIN	
6. OPERATOR(S) LICENSE NUMBER(S)	P320825490060 FL	
7. MEDICAL EXAMINER'S CERTIFICATE*	2/25/15	

8. (X if satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	b. TRAILER

SECTION II - MECHANICAL INSPECTION
 All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR/TRAILER/DROM	11. VEHICLE NUMBER(S) TRAC # 6177 / TRL # 6810053
--	--

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
 (If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin)	17. INSPECTOR SIGNATURE (Destination)
----------------------------------	---------------------------------------

SECTION III - POST LOADING INSPECTION
 This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					N/A
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					N/A

25. INSPECTOR SIGNATURE (Origin)	26. DRIVER(S) SIGNATURE (Origin)
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification.	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
Additional Information		F
PERSONAL PROTECTION EQUIPMENT		
A Safety Glasses	n Respirator	O Footwear (Safety Shoes)
q Gloves	r Respirator	s Full-body Protective Suit
u Respirator	w Respirator	y Respirator
v Respirator	x Respirator	z Respirator

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration** **The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

41
2099

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND88H070966				D533 / M6 propellant		
Date of analysis:				Date: 29 JULY 2011		
Other Information M6 Propellant		Sample Data #1		0.50 g	100 ml	Solvent ACN
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	0.642	125.1	600.3	0.480	
2,4-DNDPA	50.0	3.455	992.3	0	0.000	
2,2' DNDPA	50.0	5.274	125.3	27328	0.000	
2,4' DNDPA	50.0	7.702	1067.4	0	0.000	
4NDPA	50.0	9.26	1688.8	88.8	0.005	
2NDPA	50.0	10.547	3070.1	85.2	0.003	
DPA	200.0	12.08	5796.8	694.6	0.048	
N-NitrosoDPA	75.0	12.966	1456.1	0	0.000	
				0.536		
Avg. % Stabilizer for Lot				0.536		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.54 %		
Analyst Signature				Stable YES		Unstable
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND88A070891			D533 / M6 propellant		
Date of analysis:			Date: 10 NOV 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.754	194.4	1458.4	0.750
2,4-DNDPA	50.0	3.382	1272.7	25.7	0.002
2,2' DNDPA	50.0	5.139	1982.5	27828	0.000
2,4' DNDPA	50.0	7.414	1387.8	0	0.000
4NDPA	50.0	8.918	2254.3	114.7	0.005
2NDPA	50.0	10.088	4040.6	189.5	0.005
DPA	200.0	11.608	7993.7	1179.9	0.059
N-NitrosoDPA	75.0	12.407	1919.6	0	0.000
					0.821
Avg. % Stabilizer for Lot					0.821
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.82 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND87H070720			D533 / M6 propellant		
Date of analysis:			Date: 18 NOV 2011		
Other Information M6 Propellant		Sample Data #1		0.50 g	Solvent 100 ml ACN
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.747	327.4	1170.4	0.357
2,4-DNDPA	50.0	3.395	1731.2	21.2	0.001
2,2' DNDPA	50.0	5.173	4488.9	22467	0.000
2,4' DNDPA	50.0	7.497	1903.5	0	0.000
4NDPA	50.0	9.01	3102.1	91.8	0.003
2NDPA	50.0	10.21	5531.9	144.8	0.003
DPA	200.0	11.727	11056	931.7	0.034
N-NitrosoDPA	75.0	12.547	2638.3	0	0.000
				0.398	
Avg. % Stabilizer for Lot				0.398	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.40 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND86E070616				D533 / M6 propellant			
Date of analysis:				Date: 19 NOV 2010			
Other Information M6 Propellant		Sample Data				Solvent	
		#1	0.5000 g	100 ml	ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.068	135.8	654.4	0.482		
2,4-DNDPA	50.0	5.182	717.3	0	0.000		
2,2' DNDPA	50.0	7.635	736.3	13022.2	0.000		
2,4' DNDPA	50.0	11.713	779	0	0.000		
4NDPA	50.0	13.454	462.4	0	0.000		
2NDPA	50.0	15.161	1164.1	0	0.000		
DPA	200.0	16.583	4078.5	221.2	0.022		
N-NitrosoDPA	75.0	18.033	1011.7	0	0.000		
				0.504			
Avg. % Stabilizer for Lot				0.504			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

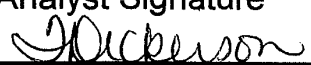
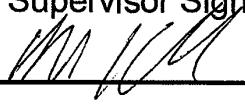
HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85A070504			D533 / M6 propellant		
Date of analysis:			Date: 20 SEPT 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.879	103.3	308.4	0.299
2,4-DNDPA	50.0	3.443	1005	17.9	0.002
2,2' DNDPA	50.0	5.241	3015.2	21162	0.000
2,4' DNDPA	50.0	7.622	1105.4	0	0.000
4NDPA	50.0	9.178	1784.2	82.9	0.005
2NDPA	50.0	10.444	3183	110.9	0.003
DPA	200.0	11.979	6201.8	804.9	0.052
N-NitrosoDPA	75.0	12.852	1490.6	0	0.000
0.360					
Avg. % Stabilizer for Lot				0.360	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.36 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85K070598				D533 / M6 propellant	
Date of analysis:				Date: 25 AUG 2010	
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml			Solvent ACN
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.177	146.5	1423.9	0.972
2,4-DNDPA	50.0	5.001	961.7	0	0.000
2,2' DNDPA	50.0	7.038	2567.5	14670.5	0.000
2,4' DNDPA	50.0	9.931	938.5	0	0.000
4NDPA	50.0	11.434	1325.8	0	0.000
2NDPA	50.0	12.813	1809.7	0	0.000
DPA	200.0	14.19	4886.9	403.2	0.033
N-NitrosoDPA	75.0	15.18	1296.7	0	0.000
					1.005
Avg. % Stabilizer for Lot					1.005
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 1.00 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85C070512				D533 / M6 propellant	
Date of analysis:				Date: 10 AUGUST 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283
2,4-DNDPA	50.0	3.343	910.9	0	0.000
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000
2,4' DNDPA	50.0	7.363	1013.2	0	0.000
4NDPA	50.0	8.784	1647.3	59.7	0.004
2NDPA	50.0	9.95	2919.6	95.5	0.003
DPA	200.0	11.386	5857.1	714.1	0.049
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000
				1.339	
Avg. % Stabilizer for Lot				1.339	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 1.34 %		
Analyst Signature 			Stable YES		Unstable
Lab. Supervisor Signature 			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84E070434			D533 / M6 propellant		
Date of analysis:			Date: 19 SEPT 2011		
Other Information M6 Propellant		Sample Data		Solvent	
		#1	0.50 g	100 ml	ACN
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.866	65.3	372.3	0.570
2,4-DNDPA	50.0	3.45	959.2	13.2	0.001
2,2' DNDPA	50.0	5.27	2749.5	22015	0.000
2,4' DNDPA	50.0	7.695	1051.4	0	0.000
4NDPA	50.0	9.247	1702.8	73.3	0.004
2NDPA	50.0	10.528	3035.1	131.5	0.004
DPA	200.0	12.044	5992.2	876.8	0.059
N-NitrosoDPA	75.0	12.922	1413.2	0	0.000
					0.639
Avg. % Stabilizer for Lot					0.639
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst MIKE KILE			Avg. Tot. Stabilizers 0.64 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070276		D533 / M6 propellant	
Date of analysis:		Date: 4 Sep 2012	
Other Information M6 Propellant	Sample Data #1	0.50 g	100 ml Solvent ACN

Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.889	48.8	578.6	1.186
2,4-DNDPA	50.0	3.418	914.3	0	0.000
2,2' DNDPA	50.0	5.22	777.3	23990	0.000
2,4' DNDPA	50.0	7.622	980.5	0	0.000
4NDPA	50.0	9.134	1586.8	40.6	0.003
2NDPA	50.0	10.417	2826.3	88.7	0.003
DPA	200.0	11.797	5671.5	812.6	0.057
N-NitrosoDPA	75.0	12.757	1337.5	0	0.000

	1.249
Avg. % Stabilizer for Lot	1.249

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst Mike Kile	Avg. Tot. Stabilizers 1.25 %
Analyst Signature	Stable YES Unstable
	Comments CATEGORY: A
Lab. Supervisor Signature	
	Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number:IND82K070175			D533 / M6 propellant		
Date of analysis:			Date: 6 AUG 2010		
Other Information M6 Propellant	Sample Data #1 0.5000 g 100 ml			Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0		1	0	0.000
2,4-DNDPA	50.0	4.91	382.3	5134.1	1.343
2,2' DNDPA	50.0	9.825	437	0	0.000
2,4' DNDPA	50.0	11.341	632.4	87.4	0.014
4NDPA	50.0	11.95	441.7	0	0.000
2NDPA	50.0	12.713	827.6	192.5	0.023
DPA	200.0	14.06	2176	90.1	0.017
N-NitrosoDPA	75.0	14.999	558.4	254.6	0.068
1.465					
Avg. % Stabilizer for Lot					1.465
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 1.46 %		
Analyst Signature			Stable YES	Unstable	
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070015			D533 / M6 propellant		
Date of analysis:			Date: 20 OCT 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	5.024	281.6	2363.4	0.839
2,4-DNDPA	50.0	10.59	329	0	0.000
2,2' DNDPA	50.0	12.176	376.1	0	0.000
2,4' DNDPA	50.0	12.67	275.3	35.7	0.013
4NDPA	50.0	13.632	664.1	0	0.000
2NDPA	50.0	14.943	1788.8	34.8	0.002
DPA	200.0	16.114	286	0	0.000
N-NitrosoDPA	75.0	19.917	329.9	158.8	0.000
0.854					
Avg. % Stabilizer for Lot				0.854	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 0.85 %		
Analyst Signature			Stable YES Unstable		
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Wood 42

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
1600 Java Road
Minden, LA 71055

Shipper's No. 2897

Shipping Date 4/3/13

Purchase Order No. _____

By R.R.K. Freight Charges: Collect _____ Prepaid XV Location No. 2328

WO# 251597

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Austin Powder Co Fed. Lic. 5-118-103-20-50 Exp. Date 5/1/15

Destination 7110 R. Highway 208 State _____ State Lic. _____ Exp. Date _____

County East Cameron Customer No. _____

Route _____

Charge Account of 1-8700-574-1580 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <u>6177</u>
								Trailer No. <u>4310479</u>
								Mileage _____
								Total <u>15,144</u>
								Packages <u>15,144</u>
								Gross _____
								Weight # <u>29,000</u>
								Net Explosive Weight _____
		<u>7083861/7083862</u>						<u>7083862</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____
DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By [Signature] Date 4-3-13
 CONSIGNEE CARRIER
By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-2-13

B/L# 2897 TRL 7810099

M-6

IND86E-070616 11 PTS
IND83G-070281 5 PTS
IND82K-070175 9 PTS
IND83M-070322 11 PTS
IND87K-070175 3 PTS
IND83C-070235 1 PT
IND82H-070167 1 PT
IND82E-070114 1 PT

*Load 42
6LC18*

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

35,280 lbs

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.	1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER	
SECTION I - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TRUCK	
3. DATE/TIME OF INSPECTION	4/3/13	
4. LOCATION OF INSPECTION	EXDIO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	FRANK, ANTHONY	
6. OPERATOR(S) LICENSE NUMBER(S)	13631449 TK	
7. MEDICAL EXAMINER'S CERTIFICATE*	10/10/14	

8. (X if satisfactory at origin)				9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*			
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO			
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>		a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397			b. TRAILER	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR/TRAILER / DROM				11. VEHICLE NUMBER(S) TRAC #6177 / TRL # 7810099				
12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		ORIGIN (1)	DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT		SAT	UNSAT	
a. SPARE ELECTRICAL FUSES								k. EXHAUST SYSTEM
b. HORN OPERATIVE								l. BRAKE SYSTEM*
c. STEERING SYSTEM								m. SUSPENSION
d. WINDSHIELD/WIPERS								n. COUPLING DEVICES
e. MIRRORS								o. CARGO SPACE
f. WARNING EQUIPMENT								p. LANDING GEAR*
g. FIRE EXTINGUISHER*								q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING								r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS								s. TARPULIN*
j. FUEL SYSTEM*								t. OTHER (Specify) N/A

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]*

17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					N/A
23. COPY OF DD FORM 626 FOR DRIVER					N/A
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					N/A

25. INSPECTOR SIGNATURE (Origin) *[Signature]*

26. DRIVER(S) SIGNATURE (Origin) *[Signature]*

27. INSPECTOR SIGNATURE (Destination)

28. DRIVER(S) SIGNATURE (Destination)

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-3-13

B/L# 2897 TRL 7810099

M-6

IND86E-070616	11 PTS
IND83G-070281	5 PTS
IND82K-070175	9 PTS
IND83M-070322	11 PTS
IND87K-070175	3 PTS
IND83C-070235	1 PT
IND82H-070167	1 PT
IND82E-070114	1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318.382.8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	—	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
MINOR HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification	PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD	3 = SERIOUS HAZARD		A	B
2 = MODERATE HAZARD	1 = SLIGHT HAZARD	C	D	
0 = MINIMAL HAZARD		E	F	
		G	H	
		I	J	
		K	L	
		M	N	
		O	P	
		Q	R	
		S	T	
		U	V	
		W	X	
		Y	Z	
		Consult your supervisor or S.O.P. for "SPECIAL" handling directions		

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PIH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Magdy El-Sibaie

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

43

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if it is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if it is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. **2900**

Shipping Date _____

At _____ Purchase Order No. _____

By *RPK* Freight Charges: Collect _____ Prepaid *Yes* Location No. **2470**

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to *Blasmon Powder Co* Fed Lic. *5-118-107-20-22 00119* Exp. Date *5-1-15*

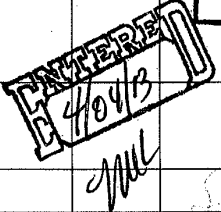
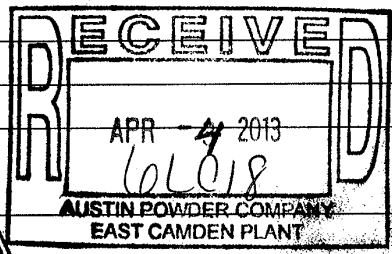
Destination *71100 Broussard* State _____ State Lic. _____ Exp. Date _____

County *119 Calumet, IL* Customer No. _____

Route _____

Charge Account of *1-820-57-2210* Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <i>2006</i>
								Trailer No. <i>2007</i>
								Mileage
								Total <i>2006</i>
								Packages <i>2006</i>
								Gross
								Weight # <i>29.000</i>
								Net Explosive Weight <i>25.280</i>



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3687

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-3-13

B/L# 2900 TRL 6810057

M-6

IND86M-070673 10 PTS

IND82L-070178 9 PTS

IND85M-070430 4 PTS

IND82D-070113 2 PTS


IND83F-070278 8 PTS

IND85K-070598 7 PTS

IND80M-070011 2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

Load 43

60018

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2900

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	RRUK	
3. DATE/TIME OF INSPECTION	4/3/13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PERRICO, ALMAS	
6. OPERATOR(S) LICENSE NUMBER(S)	P320825490060 P/L	
7. MEDICAL EXAMINER'S CERTIFICATE*	2/25/14	

B. <i>(X if satisfactory at origin)</i>		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input type="checkbox"/>
		a. TRUCK/TRACTOR	<input type="checkbox"/> YES <input type="checkbox"/> NO
		b. TRAILER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)
TRACTOR/TRAILER/DROM	TRAC # 7306 / TRL # 6810057

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM*
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER <i>(Specify)</i>

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE <i>(Origin)</i>	17. INSPECTOR SIGNATURE <i>(Destination)</i>

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE <i>(Origin)</i>	26. DRIVER(S) SIGNATURE <i>(Origin)</i>
27. INSPECTOR SIGNATURE <i>(Destination)</i>	28. DRIVER(S) SIGNATURE <i>(Destination)</i>



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional information	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		
A Safety Glasses	H Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls	
B Safety Glasses, Cotton or Leather Gloves	I Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls	
C Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls	J Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
D Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls	K Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
E Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	L Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
F Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	M Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
G Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	N Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
O Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	P Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
Q Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	R Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
S Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	T Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
U Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	V Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
W Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	X Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
Y Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	Z Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls, Respirator	
Consult your supervisor or S.O.P. for "SPECIAL" handling directions		

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:
Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.
Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

43
2900

HPLC PROPELLANT STABILITY REPORT					
Lot Number:IND86M070673			D533 / M6 propellant		
Date of analysis:			Date: 7 FEB 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.863	50.1	452.6	0.903
2,4-DNDPA	50.0	3.336	893.6	0	0.000
2,2' DNDPA	50.0	5.03	726.8	22299	0.000
2,4' DNDPA	50.0	7.182	1225.5	0	0.000
4NDPA	50.0	8.642	1532.1	67.5	0.004
2NDPA	50.0	9.759	2784.7	120.3	0.004
DPA	200.0	11.235	5480.9	727.3	0.053
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000
				0.965	
Avg. % Stabilizer for Lot				0.965	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.97 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85K070598				D533 / M6 propellant			
Date of analysis:				Date: 25 AUG 2010			
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml			Solvent ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.177	146.5	1423.9	0.972		
2,4-DNDPA	50.0	5.001	961.7	0	0.000		
2,2' DNDPA	50.0	7.038	2567.5	14670.5	0.000		
2,4' DNDPA	50.0	9.931	938.5	0	0.000		
4NDPA	50.0	11.434	1325.8	0	0.000		
2NDPA	50.0	12.813	1809.7	0	0.000		
DPA	200.0	14.19	4886.9	403.2	0.033		
N-NitrosoDPA	75.0	15.18	1296.7	0	0.000		
				1.005			
Avg. % Stabilizer for Lot				1.005			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 1.00 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85M070430

D533 / M6 propellant

Date of analysis:

Date: 6 MAY 2011

Other Information
M6 Propellant

Sample Data

#1

0.50 g

100 ml

Solvent

ACN

Standards (ERG-006)

Sample #

Stabilizer Conc. Ret Intg.
ppm Time Area 1

Intg. Conc.
Area %

4,4' DNDPA	50.0	0.632	62	316	0.510
2,4-DNDPA	50.0	3.418	951	0	0.000
2,2' DNDPA	50.0	5.203	137	21968	0.000
2,4' DNDPA	50.0	7.572	1006	0	0.000
4NDPA	50.0	9.106	1579	76	0.005
2NDPA	50.0	10.347	2905	107	0.004
DPA	200.0	11.88	5183	374	0.029
N-NitrosoDPA	75.0	12.734	1382	0	0.000

0.547

Avg. % Stabilizer for Lot

0.547

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst MIKE KILE

Avg. Tot. Stabilizers

0.55 %

Analyst Signature

Stable

YES

Unstable

Lab. Supervisor Signature

Comments

CATEGORY: A


Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070278				D533 / M6 propellant	
Date of analysis:				Date: 11 JULY 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.803	32.3	256.2	0.793
2,4-DNDPA	50.0	3.397	945.1	0	0.000
2,2' DNDPA	50.0	5.155	1995.1	21574	0.000
2,4' DNDPA	50.0	7.525	949.2	0	0.000
4NDPA	50.0	9.04	1580.4	89.7	0.006
2NDPA	50.0	10.278	2854	35.4	0.001
DPA	200.0	11.761	5473.7	589.5	0.043
N-NitrosoDPA	75.0	12.606	1672.4	0	0.000
				0.843	
Avg. % Stabilizer for Lot				0.843	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.84 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82D070113				D533 / M6 propellant			
Date of analysis:				Date: 6 JAN 2012			
Other Information M6 Propellant			Sample Data #1 0.50 g 100 ml			Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.65	119.1	328.4	0.276		
2,4-DNDPA	50.0	3.304	1019.8	16	0.002		
2,2' DNDPA	50.0	4.943	1734.6	21955	0.000		
2,4' DNDPA	50.0	7.018	1103.9	0	0.000		
4NDPA	50.0	8.439	1782.5	66.8	0.004		
2NDPA	50.0	9.513	3182.1	143.1	0.004		
DPA	200.0	10.956	6219.8	790.9	0.051		
N-NitrosoDPA	75.0	11.669	1532.4	0	0.000		
				0.336			
Avg. % Stabilizer for Lot				0.336			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.34 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND82L070178				D533 / M6 propellant		
Date of analysis:				Date: 1 FEB 2011		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent 100 ml ACN		
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	4.156	1116	1943.1	0.174	
2,4-DNDPA	50.0	9.388	1191.2	25869.9	2.172	
2,2' DNDPA	50.0	10.987	1694.7	97.6	0.000	
2,4' DNDPA	50.0	11.73	1272.3	145.3	0.011	
4NDPA	50.0	12.459	2443.3	0	0.000	
2NDPA	50.0	13.939	5852.1	388.6	0.007	
DPA	200.0	15.022	1753.1	361.4	0.082	
N-NitrosoDPA	75.0	18.932	2535.1	365.7	0.000	
				2.446		
Avg. % Stabilizer for Lot				2.446		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Mike Kile				Avg. Tot. Stabilizers 2.45 %		
Analyst Signature				Stable YES Unstable		
Lab. Supervisor Signature				Comments		
				CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND80M070011				D533 / M6 propellant	
Date of analysis:				Date: 22 March 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.897	14.6	40.4	0.277
2,4-DNDPA	50.0	3.327	870.9	0	0.000
2,2' DNDPA	50.0	5.054	688.7	29012	0.000
2,4' DNDPA	50.0	7.295	945.9	0	0.000
4NDPA	50.0	8.792	1528.5	144	0.009
2NDPA	50.0	10.019	2755.3	103.4	0.004
DPA	200.0	11.357	5392.9	588.9	0.044
N-NitrosoDPA	75.0	12.286	1332.2	0	0.000
				0.334	
Avg. % Stabilizer for Lot				0.334	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.33 %	
Analyst Signature				Stable YES Unstable	
				Comments CATEGORY: A	
Lab. Supervisor Signature					
				Actions to be Taken	

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 84

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if it is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if it is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2901

Shipping Date 4-4-13

At _____ Purchase Order No. _____

By PRDK Freight Charges: Collect _____ Prepaid ✓ Location No. 7470

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Austin Powder Co Fed Lic. 5-28-13-2012 Exp. Date 5/1/15

Destination 71510 Blinnway State _____ State Lic. _____ Exp. Date _____

County 1997 Camden AR Customer No. _____

Route _____

Charge Account of 1472 111 1110 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No.
								Trailer No.
								Mileage
								Total Packages
								Gross Weight #
								Net Explosive Weight

INTERED 4/04/13 MK

RECEIVED 6618 APR - 4 2013 AUSTIN POWDER COMPANY EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 4-4-13

CONSIGNEE CARRIER

By _____ Date _____

AUTHORIZED RECEIVER

Per _____

DOT Hazardous Material Handling Number _____

Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Load 44
6/6/18

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-4-13

B/L# 2901 TRL 17749

M-6

IND86M-070673	10 PTS
IND83F-070278	2 PTS
IND85K-070598	3 PTS
IND80M-070011	5 PTS
IND80M-070009	6 PTS
IND82J-070172	7 PTS
IND84B-070327	7 PTS
IND84A-070323	2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2901

SECTION I - DOCUMENTATION		ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION		RPUC	
3. DATE/TIME OF INSPECTION		4-4-13	
4. LOCATION OF INSPECTION		EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)		Faulk, Anthony	
6. OPERATOR(S) LICENSE NUMBER(S)		13631449 TX	
7. MEDICAL EXAMINER'S CERTIFICATE*		10-10-14	
8. <i>(X if satisfactory at origin)</i>			9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	a. TRUCK/TRACTOR <input checked="" type="checkbox"/>
			b. TRAILER <input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)				11. VEHICLE NUMBER(S)					
TRACTOR/TRAILER/DROM				TRAC #6177 / TRL # 17749					
12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES									k. EXHAUST SYSTEM
b. HORN OPERATIVE									l. BRAKE SYSTEM*
c. STEERING SYSTEM									m. SUSPENSION
d. WINDSHIELD/WIPERS									n. COUPLING DEVICES
e. MIRRORS									o. CARGO SPACE
f. WARNING EQUIPMENT									p. LANDING GEAR*
g. FIRE EXTINGUISHER*									q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING									r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS									s. TARPULIN*
j. FUEL SYSTEM*									t. OTHER (Specify)
13. INSPECTION RESULTS <i>(X one)</i> ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>				
<i>(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)</i>									
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: <i>(X one)</i> ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>				

15. REMARKS

16. INSPECTOR SIGNATURE (Origin)

[Signature]

17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					N/A
23. COPY OF DD FORM 626 FOR DRIVER					N/A
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					N/A
25. INSPECTOR SIGNATURE (Origin)	26. DRIVER(S) SIGNATURE (Origin)				
<i>[Signature]</i>	<i>X.V. Faulk</i>				
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)				



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT		HAZARDOUS MATERIALS IDENTIFICATION SYSTEM																									
HEALTH	2	2	HAZARD INDEX 4 = SEVERE HAZARD 3 = SERIOUS HAZARD 2 = MODERATE HAZARD 1 = SLIGHT HAZARD 0 = MINIMAL HAZARD An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification. Additional Information:																								
FLAMMABILITY	4	4																									
PHYSICAL HAZARD	4	PERSONAL PROTECTION INDEX <table border="1"> <tr><td>A</td><td></td></tr> <tr><td>B</td><td></td></tr> <tr><td>C</td><td></td></tr> <tr><td>D</td><td></td></tr> <tr><td>E</td><td></td></tr> <tr><td>F</td><td></td></tr> <tr><td>G</td><td></td></tr> <tr><td>H</td><td></td></tr> <tr><td>I</td><td></td></tr> <tr><td>J</td><td></td></tr> <tr><td>K</td><td></td></tr> <tr><td>X</td><td>Consult your supervisor or S.O.P. for "SPECIAL" handling directions</td></tr> </table>		A		B		C		D		E		F		G		H		I		J		K		X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions
A																											
B																											
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E																											
F																											
G																											
H																											
I																											
J																											
K																											
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions																										
PERSONAL PROTECTION	[B]	PERSONAL PROTECTION EQUIPMENT <table border="1"> <tr> <td>A </td> <td>n </td> <td>O </td> <td>P </td> </tr> <tr> <td>Q </td> <td>r </td> <td>S </td> <td>t </td> </tr> <tr> <td>U </td> <td>W </td> <td>y </td> <td>Z </td> </tr> </table>		A 	n 	O 	P 	Q 	r 	S 	t 	U 	W 	y 	Z 												
A 	n 	O 	P 																								
Q 	r 	S 	t 																								
U 	W 	y 	Z 																								

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

44
2901

HPLC PROPELLANT STABILITY REPORT					
Lot Number:IND86M070673			D533 / M6 propellant		
Date of analysis:			Date: 7 FEB 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.863	50.1	452.6	0.903
2,4-DNDPA	50.0	3.336	893.6	0	0.000
2,2' DNDPA	50.0	5.03	726.8	22299	0.000
2,4' DNDPA	50.0	7.182	1225.5	0	0.000
4NDPA	50.0	8.642	1532.1	67.5	0.004
2NDPA	50.0	9.759	2784.7	120.3	0.004
DPA	200.0	11.235	5480.9	727.3	0.053
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000
				0.965	
Avg. % Stabilizer for Lot				0.965	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.97 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85K070598			D533 / M6 propellant		
Date of analysis:			Date: 25 AUG 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.177	146.5	1423.9	0.972
2,4-DNDPA	50.0	5.001	961.7	0	0.000
2,2' DNDPA	50.0	7.038	2567.5	14670.5	0.000
2,4' DNDPA	50.0	9.931	938.5	0	0.000
4NDPA	50.0	11.434	1325.8	0	0.000
2NDPA	50.0	12.813	1809.7	0	0.000
DPA	200.0	14.19	4886.9	403.2	0.033
N-NitrosoDPA	75.0	15.18	1296.7	0	0.000
				1.005	
Avg. % Stabilizer for Lot				1.005	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 1.00 %		
Analyst Signature			Stable YES		Unstable
			Comments CATEGORY: A		
Lab. Supervisor Signature					
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84B070327	D533 / M6 propellant
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Date of analysis:	Date: 4 Sep 2012
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Other Information M6 Propellant	Sample Data #1 0.50 g 100 ml	Solvent ACN
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Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.889	48.8	501.9	1.028
2,4-DNDPA	50.0	3.418	914.3	0	0.000
2,2' DNDPA	50.0	5.22	777.3	23336	0.000
2,4' DNDPA	50.0	7.622	980.5	0	0.000
4NDPA	50.0	9.134	1586.8	95.7	0.006
2NDPA	50.0	10.417	2826.3	104	0.004
DPA	200.0	11.797	5671.5	673.4	0.047
N-NitrosoDPA	75.0	12.757	1337.5	0	0.000

	1.086
Avg. % Stabilizer for Lot	1.086

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst Mike Kile	Avg. Tot. Stabilizers 1.09 %
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Analyst Signature	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Stable</td> <td style="width: 20%; text-align: center;">YES</td> <td style="width: 20%;">Unstable</td> </tr> </table>	Stable	YES	Unstable	
Stable	YES	Unstable			
Lab. Supervisor Signature	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Comments</td> <td style="width: 40%;"></td> </tr> <tr> <td style="text-align: center;">CATEGORY:</td> <td style="text-align: center;">A</td> </tr> </table>	Comments		CATEGORY:	A
Comments					
CATEGORY:	A				

	Actions to be Taken
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HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84A070323

D533 / M6 propellant

Date of analysis:

Date: 21 DEC 2011

Other Information

M6 Propellant

Sample Data

#1 0.50 g

100 ml

Solvent

ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.67	192.9	675.2	0.350
2,4-DNDPA	50.0	3.298	1077.6	0	0.000
2,2' DNDPA	50.0	4.953	951.5	22469	0.000
2,4' DNDPA	50.0	6.749	1136.2	0	0.000
4NDPA	50.0	8.218	1880.4	46.5	0.002
2NDPA	50.0	9.339	3292.9	89.5	0.003
DPA	200.0	10.48	6310.2	733.6	0.047
N-NitrosoDPA	75.0	11.073	1512.2	0	0.000

0.402

Avg. % Stabilizer for Lot

0.402

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst TAKISHA DICKERSON

Avg. Tot. Stabilizers **0.40 %**

Analyst Signature

Stable YES **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070278				D533 / M6 propellant	
Date of analysis:				Date: 11 JULY 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.803	32.3	256.2	0.793
2,4-DNDPA	50.0	3.397	945.1	0	0.000
2,2' DNDPA	50.0	5.155	1995.1	21574	0.000
2,4' DNDPA	50.0	7.525	949.2	0	0.000
4NDPA	50.0	9.04	1580.4	89.7	0.006
2NDPA	50.0	10.278	2854	35.4	0.001
DPA	200.0	11.761	5473.7	589.5	0.043
N-NitrosoDPA	75.0	12.606	1672.4	0	0.000
				0.843	
Avg. % Stabilizer for Lot				0.843	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.84 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82J070172				D533 / M6 propellant			
Date of analysis:				Date: 15 July 2011			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.698	60	276.3	0.461		
2,4-DNDPA	50.0	3.469	1060.3	0	0.000		
2,2' DNDPA	50.0	5.327	112.7	25324	0.000		
2,4' DNDPA	50.0	7.82	1131.9	0	0.000		
4NDPA	50.0	9.358	1817.5	137.4	0.008		
2NDPA	50.0	10.643	3250	121.1	0.004		
DPA	200.0	12.15	6225.1	406.2	0.026		
N-NitrosoDPA	75.0	13.037	1551.7	0	0.000		
				0.498			
Avg. % Stabilizer for Lot				0.498			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
				Comments CATEGORY: A			
Lab. Supervisor Signature							
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND80M070009			D533 / M6 propellant		
Date of analysis:			Date: 20 SEP 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.113	241.3	1503.9	0.623
2,4-DNDPA	50.0	4.997	1505.8	0	0.000
2,2' DNDPA	50.0	7.178	3394.6	16988.6	0.000
2,4' DNDPA	50.0	10.355	947.6	0	0.000
4NDPA	50.0	11.977	1346.1	0	0.000
2NDPA	50.0	13.451	1788.2	0	0.000
DPA	200.0	14.881	5045.5	586	0.046
N-NitrosoDPA	75.0	16.02	1339.6	0	0.000
				0.670	
Avg. % Stabilizer for Lot				0.670	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 0.67 %		
Analyst Signature			Stable YES Unstable		
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND80M070011			D533 / M6 propellant		
Date of analysis:			Date: 22 March 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml			Solvent ACN
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.897	14.6	40.4	0.277
2,4-DNDPA	50.0	3.327	870.9	0	0.000
2,2' DNDPA	50.0	5.054	688.7	29012	0.000
2,4' DNDPA	50.0	7.295	945.9	0	0.000
4NDPA	50.0	8.792	1528.5	144	0.009
2NDPA	50.0	10.019	2755.3	103.4	0.004
DPA	200.0	11.357	5392.9	588.9	0.044
N-NitrosoDPA	75.0	12.286	1332.2	0	0.000
					0.334
Avg. % Stabilizer for Lot					0.334
0.30% or more is Stability Code A 0.20% - 0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.33 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 45

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
1600 Java Road
Minden, LA 71055

Shipper's No. 2902

Shipping Date 4-4-13

At _____ Purchase Order No. _____

By R. Bell Freight Charges: Collect _____ Prepaid xxx Location No. 2470

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Explo Systems Co. Fed Lic. 5-1115 Exp. Date 5/1/15

Destination 7-11-10 Rd, Minden, LA State _____ State Lic. _____ Exp. Date _____

County Franklin Parish, LA Customer No. _____

Route _____

Charge Account of Explo Systems, Inc. Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <u>2576</u>
								Trailer No. <u>1003</u>
								Mileage
								Total <u>2470</u>
								Packages
								Gross
								Weight # <u>7500</u>
								Net Explosive Weight <u>3500</u>

EXPLO SYSTEMS
4/05/13
muc

RECEIVED
6618
APR - 4 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By [Signature] Date 4-4-13
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____ By _____ Date _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057 AUTHORIZED RECEIVER
(Shipper)

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-4-13

B/L# 2902 TRL 6810053

M-6

IND84B-070322 1 PT
IND86M-070673 11 PTS
IND82J-070172 11 PTS
IND82L-070178 7 PTS
IND83A-070327 2 PTS
IND85C-070512 1 PT
IND82H-070168 1 PT
IND83F-070278 2 PTS
IND80M-070009 5 PTS
IND84A-070323 1 PT
42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

*Load 45
6/18*

Corrado Copy

4/4/13



AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-4-13

B/L# 2902 TRL 6810053

M-6

IND84B-070322 1 PT
IND86M-070673 11 PTS
IND82J-070172 11 PTS
IND82L-070172 7 PTS
IND83A-070327 2 PTS
IND85C-070512 1 PT
IND82H-070168 1 PT
IND83F-070278 2 PTS
IND80M-070009 5 PTS
IND84A-070323 1 PT
42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

*Load 45
66018*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)										
(Read Instructions before completing this form.)										
This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.					1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER 2902					
SECTION 1 - DOCUMENTATION			ORIGIN a.			DESTINATION b.				
2. CARRIER/GOVERNMENT ORGANIZATION			TRUCK							
3. DATE/TIME OF INSPECTION			4-4-13							
4. LOCATION OF INSPECTION			EXDIO SYSTEMS INC							
5. OPERATOR(S) NAME(S)			PEABO, YLONAS							
6. OPERATOR(S) LICENSE NUMBER(S)			P320825490060 P/L							
7. MEDICAL EXAMINER'S CERTIFICATE*			2-25-14							
8. (X if satisfactory at origin)					9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*					
a. MILITARY HAZMAT ENDORSEMENT		<input checked="" type="checkbox"/>		d. ERG OR EQUIVALENT COMMERCIAL:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		YES <input type="checkbox"/> NO <input type="checkbox"/>		
b. VALID LEASE*		<input checked="" type="checkbox"/>		e. DRIVER'S VEHICLE INSPECTION REPORT*		<input checked="" type="checkbox"/>		a. TRUCK/TRACTOR <input checked="" type="checkbox"/>		
c. ROUTE PLAN				f. COPY OF 49 CFR PART 397				b. TRAILER <input type="checkbox"/>		
SECTION II - MECHANICAL INSPECTION										
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.										
10. TYPE OF VEHICLE(S) TRACTOR/TRAILER/DROM					11. VEHICLE NUMBER(S) TRAC # 7304 / TRL # 6810053					
12. PART INSPECTED (X as applicable)		ORIGIN (1)		DESTINATION (2)		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
		SAT UNSAT		SAT UNSAT		SAT UNSAT		SAT UNSAT		
a. SPARE ELECTRICAL FUSES										k. EXHAUST SYSTEM
b. HORN OPERATIVE										l. BRAKE SYSTEM*
c. STEERING SYSTEM										m. SUSPENSION
d. WINDSHIELD/WIPERS										n. COUPLING DEVICES
e. MIRRORS										o. CARGO SPACE
f. WARNING EQUIPMENT										p. LANDING GEAR*
g. FIRE EXTINGUISHER*										q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING										r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS										s. TARPULIN*
j. FUEL SYSTEM*										t. OTHER (Specify)
13. INSPECTION RESULTS (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)										
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
15. REMARKS										
16. INSPECTOR SIGNATURE (Origin)					17. INSPECTOR SIGNATURE (Destination)					
SECTION III - POST LOADING INSPECTION										
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.										
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)				
		SAT UNSAT		SAT UNSAT						
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT										
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT										
21. PROPER PLACARDS APPLIED										
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS										
23. COPY OF DD FORM 626 FOR DRIVER										
24. SHIPPED UNDER DOT SPECIAL PERMIT 868										
25. INSPECTOR SIGNATURE (Origin)					26. DRIVER(S) SIGNATURE (Origin)					
27. INSPECTOR SIGNATURE (Destination)					28. DRIVER(S) SIGNATURE (Destination)					



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		F
A Safety Glasses	H Synthetic Coveralls	G
O Full-Body Coveralls	P Goggles	H
Q Boots	R Synthetic Apron	I
S Full Body	T Head Covering	J
U Upper Extremities	W Head & Upper Torso	K
Y Full-Body Coveralls	Z Respiratory Protection	X Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion
 Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately. INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

45
2902

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND86M070673	D533 / M6 propellant
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Date of analysis:	Date: 7 FEB 2012
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Other Information M6 Propellant	Sample Data #1 0.50 g 100 ml	Solvent ACN
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Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.863	50.1	452.6	0.903
2,4-DNDPA	50.0	3.336	893.6	0	0.000
2,2' DNDPA	50.0	5.03	726.8	22299	0.000
2,4' DNDPA	50.0	7.182	1225.5	0	0.000
4NDPA	50.0	8.642	1532.1	67.5	0.004
2NDPA	50.0	9.759	2784.7	120.3	0.004
DPA	200.0	11.235	5480.9	727.3	0.053
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000

	0.965
Avg. % Stabilizer for Lot	0.965

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

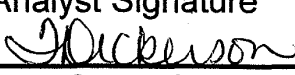
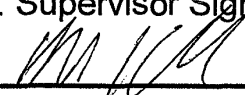
Analyst TAKISHA DICKERSON	Avg. Tot. Stabilizers 0.97 %
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Analyst Signature	Stable YES Unstable
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Lab. Supervisor Signature	Comments CATEGORY: A
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	Actions to be Taken
--	----------------------------

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85C070512			D533 / M6 propellant		
Date of analysis:			Date: 10 AUGUST 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283
2,4-DNDPA	50.0	3.343	910.9	0	0.000
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000
2,4' DNDPA	50.0	7.363	1013.2	0	0.000
4NDPA	50.0	8.784	1647.3	59.7	0.004
2NDPA	50.0	9.95	2919.6	95.5	0.003
DPA	200.0	11.386	5857.1	714.1	0.049
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000
				1.339	
Avg. % Stabilizer for Lot				1.339	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 1.34 %		
Analyst Signature 			Stable YES		Unstable
Lab. Supervisor Signature 			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84A070323				D533 / M6 propellant	
Date of analysis:				Date: 21 DEC 2011	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.67	192.9	675.2	0.350
2,4-DNDPA	50.0	3.298	1077.6	0	0.000
2,2' DNDPA	50.0	4.953	951.5	22469	0.000
2,4' DNDPA	50.0	6.749	1136.2	0	0.000
4NDPA	50.0	8.218	1880.4	46.5	0.002
2NDPA	50.0	9.339	3292.9	89.5	0.003
DPA	200.0	10.48	6310.2	733.6	0.047
N-NitrosoDPA	75.0	11.073	1512.2	0	0.000
				0.402	
Avg. % Stabilizer for Lot				0.402	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.40 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070278				D533 / M6 propellant	
Date of analysis:				Date: 11 JULY 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.803	32.3	256.2	0.793
2,4-DNDPA	50.0	3.397	945.1	0	0.000
2,2' DNDPA	50.0	5.155	1995.1	21574	0.000
2,4' DNDPA	50.0	7.525	949.2	0	0.000
4NDPA	50.0	9.04	1580.4	89.7	0.006
2NDPA	50.0	10.278	2854	35.4	0.001
DPA	200.0	11.761	5473.7	589.5	0.043
N-NitrosoDPA	75.0	12.606	1672.4	0	0.000
				0.843	
Avg. % Stabilizer for Lot				0.843	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.84 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82H070168				D533 / M6 propellant			
Date of analysis:				Date: 1 FEB 2011			
Other Information M6 Propellant		Sample Data				Solvent	
		#1 0.5000 g		100 ml		ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	4.156	1116	2540.4	0.228		
2,4-DNDPA	50.0	9.388	1191.2	31231.4	2.622		
2,2' DNDPA	50.0	10.987	1694.7	51.5	0.000		
2,4' DNDPA	50.0	11.73	1272.3	143.2	0.011		
4NDPA	50.0	12.459	2443.3	0	0.000		
2NDPA	50.0	13.939	5852.1	838.5	0.014		
DPA	200.0	15.022	1753.1	0	0.000		
N-NitrosoDPA	75.0	18.932	2535.1	985.4	0.000		
				2.875			
Avg. % Stabilizer for Lot				2.875			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 2.88 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments			
				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82J070172				D533 / M6 propellant			
Date of analysis:				Date: 15 July 2011			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.698	60	276.3	0.461		
2,4-DNDPA	50.0	3.469	1060.3	0	0.000		
2,2' DNDPA	50.0	5.327	112.7	25324	0.000		
2,4' DNDPA	50.0	7.82	1131.9	0	0.000		
4NDPA	50.0	9.358	1817.5	137.4	0.008		
2NDPA	50.0	10.643	3250	121.1	0.004		
DPA	200.0	12.15	6225.1	406.2	0.026		
N-NitrosoDPA	75.0	13.037	1551.7	0	0.000		
				0.498			
Avg. % Stabilizer for Lot				0.498			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND80M070009				D533 / M6 propellant			
Date of analysis:				Date: 20 SEP 2010			
Other Information M6 Propellant		Sample Data			Solvent		
		#1	0.5000 g	100 ml	ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.113	241.3	1503.9	0.623		
2,4-DNDPA	50.0	4.997	1505.8	0	0.000		
2,2' DNDPA	50.0	7.178	3394.6	16988.6	0.000		
2,4' DNDPA	50.0	10.355	947.6	0	0.000		
4NDPA	50.0	11.977	1346.1	0	0.000		
2NDPA	50.0	13.451	1788.2	0	0.000		
DPA	200.0	14.881	5045.5	586	0.046		
N-NitrosoDPA	75.0	16.02	1339.6	0	0.000		
				0.670			
Avg. % Stabilizer for Lot				0.670			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.67 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

STRAIGHT BILL OF LADING

NOT NEGOTIABLE *Load 4le*

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 2903

Shipping Date 4/4/13

At _____ Purchase Order No. _____

By PRUK Freight Charges: Collect _____ Prepaid XNY Location No. 2470/2472

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Personnel to Fed Lic. 5-AR-105-20-30 Exp. Date 5/1/13

Destination 7110 Shreveport State _____ State Lic. _____ Exp. Date _____

County Franklin Parish Customer No. _____

Route _____

Charge Account of 111031111 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. _____
								Trailer No. <u>111279</u>
								Mileage _____
								Total <u>111279</u> Packages
								Gross _____
								Weight # <u>19.000</u>
								Net Explosive Weight _____
								<u>7083673/7083674</u>

ENTERED
4/5/13
mk

RECEIVED
60028
APR - 5 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 100241589

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By [Signature] Date 4-4-13
 CONSIGNEE CARRIER

By _____ Date _____
 AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-4-13

B/L# 2903 TRL 7810099

M-6

IND82L-070178 4 PTS

IND86M-070673 4 PTS

IND83A-070327 2 PTS

IND83F-070276 1 PT

IND82H-070168 1 PT ~~MA~~

IND85F-070588 8 PTS

IND82H-070167 5 PTS

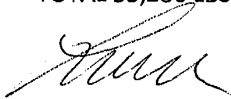
IND86E-070616 12 PTS

IND81F-070024 4 PTS

IND82A-070101 1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

*Load 46
LCCAP*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2903

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	IRUK	
3. DATE/TIME OF INSPECTION	4-14-13	
4. LOCATION OF INSPECTION	EXDIO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	FAULK, ANDREW	
6. OPERATOR(S) LICENSE NUMBER(S)	13631449 TX	
7. MEDICAL EXAMINER'S CERTIFICATE*	10-10-14	

B. <i>(X if satisfactory at origin)</i>		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*		YES	NO
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
b. VALID LEASE*	<input type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>		
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397			
		a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>		
		b. TRAILER	<input type="checkbox"/>		

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR/TRAILER / DRUM	11. VEHICLE NUMBER(S) TRAC # 6177 / TRL # 7810099
---	---

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) <i>[Signature]</i>	17. INSPECTOR SIGNATURE (Destination)
--	---------------------------------------

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) <i>[Signature]</i>	26. DRIVER(S) SIGNATURE (Origin) <i>[Signature]</i>
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional information	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		F
A	H	G
B	I	H
C	J	I
D	K	J
E	L	K
F	M	L
G	N	M
H	O	N
I	P	O
J	Q	P
K	R	Q
L	S	R
M	T	S
N	U	T
O	V	U
P	W	V
Q	X	W
R	Y	X
S	Z	Y
T		Z
U		
V		
W		
X		
Y		
Z		
X Consult your supervisor or S.O.P. for "SPECIAL" handling directions		

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

46

2903

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND86M070673				D533 / M6 propellant		
Date of analysis:				Date: 7 FEB 2012		
Other Information M6 Propellant		Sample Data #1		0.50 g	100 ml	Solvent ACN
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	0.863	50.1	452.6	0.903	
2,4-DNDPA	50.0	3.336	893.6	0	0.000	
2,2' DNDPA	50.0	5.03	726.8	22299	0.000	
2,4' DNDPA	50.0	7.182	1225.5	0	0.000	
4NDPA	50.0	8.642	1532.1	67.5	0.004	
2NDPA	50.0	9.759	2784.7	120.3	0.004	
DPA	200.0	11.235	5480.9	727.3	0.053	
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000	
				0.965		
Avg. % Stabilizer for Lot				0.965		
0.30% or more is Stability Code A 0.20% - 0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.97 %		
Analyst Signature				Stable YES		Unstable
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85F070588				D533 / M6 propellant	
Date of analysis:				Date: 20 Dec 2010	
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.059	87.1	1411.1	1.620
2,4-DNDPA	50.0	5.198	631.9	845.8	0.134
2,2' DNDPA	50.0	7.699	1074.2	15722.5	0.000
2,4' DNDPA	50.0	11.782	545	0	0.000
4NDPA	50.0	13.513	1464.9	246.8	0.017
2NDPA	50.0	15.189	1011.6	0	0.000
DPA	200.0	16.638	2894.7	309.8	0.043
N-NitrosoDPA	75.0	18.069	720.1	0	0.000
					1.814
Avg. % Stabilizer for Lot					1.814
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 1.81 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83F070276

D533 / M6 propellant

Date of analysis:

Date: 4 Sep 2012

Other Information
M6 Propellant

Sample Data

#1 0.50 g 100 ml Solvent
ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.889	48.8	578.6	1.186
2,4-DNDPA	50.0	3.418	914.3	0	0.000
2,2' DNDPA	50.0	5.22	777.3	23990	0.000
2,4' DNDPA	50.0	7.622	980.5	0	0.000
4NDPA	50.0	9.134	1586.8	40.6	0.003
2NDPA	50.0	10.417	2826.3	88.7	0.003
DPA	200.0	11.797	5671.5	812.6	0.057
N-NitrosoDPA	75.0	12.757	1337.5	0	0.000

1.249

Avg. % Stabilizer for Lot

1.249

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Mike Kile

Avg. Tot. Stabilizers **1.25 %**

Analyst Signature

Stable YES **Unstable**


Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82L070178				D533 / M6 propellant	
Date of analysis:				Date: 1 FEB 2011	
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	4.156	1116	1943.1	0.174
2,4-DNDPA	50.0	9.388	1191.2	25869.9	2.172
2,2' DNDPA	50.0	10.987	1694.7	97.6	0.000
2,4' DNDPA	50.0	11.73	1272.3	145.3	0.011
4NDPA	50.0	12.459	2443.3	0	0.000
2NDPA	50.0	13.939	5852.1	388.6	0.007
DPA	200.0	15.022	1753.1	361.4	0.082
N-NitrosoDPA	75.0	18.932	2535.1	365.7	0.000
				2.446	
Avg. % Stabilizer for Lot				2.446	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst	Mike Kile			Avg. Tot. Stabilizers	2.45 %
Analyst Signature				Stable	YES Unstable
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82H070168			D533 / M6 propellant		
Date of analysis:			Date: 1 FEB 2011		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	4.156	1116	2540.4	0.228
2,4-DNDPA	50.0	9.388	1191.2	31231.4	2.622
2,2' DNDPA	50.0	10.987	1694.7	51.5	0.000
2,4' DNDPA	50.0	11.73	1272.3	143.2	0.011
4NDPA	50.0	12.459	2443.3	0	0.000
2NDPA	50.0	13.939	5852.1	838.5	0.014
DPA	200.0	15.022	1753.1	0	0.000
N-NitrosoDPA	75.0	18.932	2535.1	985.4	0.000
				2.875	
Avg. % Stabilizer for Lot				2.875	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 2.88 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82H070167

D533 / M6 propellant

Date of analysis:

Date: 6 JAN 2012

Other Information

M6 Propellant

Sample Data

#1 0.50 g 100 ml Solvent ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.65	119.1	308.2	0.259
2,4-DNDPA	50.0	3.304	1019.8	0	0.000
2,2' DNDPA	50.0	4.943	1734.6	23824	0.000
2,4' DNDPA	50.0	7.018	1103.9	404.1	0.037
4NDPA	50.0	8.439	1782.5	50.5	0.003
2NDPA	50.0	9.513	3182.1	79.6	0.003
DPA	200.0	10.956	6219.8	750.3	0.048
N-NitrosoDPA	75.0	11.669	1532.4	0	0.000

0.349

Avg. % Stabilizer for Lot

0.349

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst TAKISHA DICKERSON

Avg. Tot. Stabilizers **0.35 %**

Analyst Signature

Stable YES **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 47

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2904

Shipping Date 4-5-13

At _____ Purchase Order No. _____

By RRok Freight Charges: Collect _____ Prepaid XX Location No. 2477

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to Austin Powder Co Fed Lic. 5-11-109 20 58 2013 Exp. Date 3/1/15

Destination 7-LL-10 BARRON State _____ State Lic. _____ Exp. Date _____

County East Camden Customer No. _____

Route _____

Charge Account of J-870 574 1500 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <u>7546</u>
								Trailer No. <u>44041</u>
								Mileage
								Total <u>200 14 200</u>
								Packages <u>4 14 110</u>
								Gross
								Weight # <u>3400</u>
								Net Explosive Weight
		<u>7083675/7083676</u>						<u>25780</u>

ENTERED
4/5/13
NE

RECEIVED
6CCAS
APR - 5 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 4-5-13
 CONSIGNEE CARRIER

By _____ Date _____
AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-5-13

B/L# 2904 TRL 6810057

M-6

IND82H-070167 11 PTS
IND87D-070450 1 PT
IND82E-070114 1 PT
IND82A-070169 1 PT
IND83E-070273 20 PTS
IND83C-070235 2 PTS
IND81D-070019 2 PTS
IND81D-070020 2 PTS
IND81G-070061 2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

Load 47
60028

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2904

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	RRLV	
3. DATE/TIME OF INSPECTION	4-5-13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PERALDO, YANNAS	
6. OPERATOR(S) LICENSE NUMBER(S)	P32062490060 FL	
7. MEDICAL EXAMINER'S CERTIFICATE*	2-25-14	

8. (X if satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	d. ERG OR EQUIVALENT COMMERCIAL:	YES	NO
b. VALID LEASE*	e. DRIVER'S VEHICLE INSPECTION REPORT*	YES	NO
c. ROUTE PLAN	f. COPY OF 49 CFR PART 397	a. TRUCK/TRACTOR	b. TRAILER

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)
TRACTOR/TRAILER/DROM	TRAC # 7506 / TRL # 6810057

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARP AULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin)	17. INSPECTOR SIGNATURE (Destination)
----------------------------------	---------------------------------------

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARP AULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin)	26. DRIVER(S) SIGNATURE (Origin)
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

47
2904

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND87D070450				D533 / M6 propellant		
Date of analysis:				Date: 23 AUG 2010		
Other Information M6 Propellant		Sample Data #1		0.5000 g	100 ml	Solvent ACN
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0		0			
2,4-DNDPA	50.0	4.884	715.1	0	0.000	
2,2' DNDPA	50.0	9.663	794.8	5124.3	0.645	
2,4' DNDPA	50.0	11.213	1155.8	0	0.000	
4NDPA	50.0	11.899	750.7	0	0.000	
2NDPA	50.0	12.536	1565	0	0.000	
DPA	200.0	13.934	4151.3	0	0.000	
N-NitrosoDPA	75.0	14.875	1080.5	46.7	0.006	
				0.651		
Avg. % Stabilizer for Lot				0.651		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.65 %		
Analyst Signature				Stable YES		Unstable
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82H070167				D533 / M6 propellant	
Date of analysis:				Date: 6 JAN 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.65	119.1	308.2	0.259
2,4-DNDPA	50.0	3.304	1019.8	0	0.000
2,2' DNDPA	50.0	4.943	1734.6	23824	0.000
2,4' DNDPA	50.0	7.018	1103.9	404.1	0.037
4NDPA	50.0	8.439	1782.5	50.5	0.003
2NDPA	50.0	9.513	3182.1	79.6	0.003
DPA	200.0	10.956	6219.8	750.3	0.048
N-NitrosoDPA	75.0	11.669	1532.4	0	0.000
0.349					
Avg. % Stabilizer for Lot					0.349
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.35 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81G070061

D533 / M6 propellant

Date of analysis:

Date: 12 JULY 2011

Other Information
M6 Propellant

Sample Data

#1

0.50 g

100 ml

Solvent

ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.71	111	358.1	0.323
2,4-DNDPA	50.0	3.475	1001	79.1	0.008
2,2' DNDPA	50.0	5.325	95	18335	0.000
2,4' DNDPA	50.0	7.791	1061.3	83.2	0.008
4NDPA	50.0	9.345	1700.8	167.7	0.010
2NDPA	50.0	10.629	3041.2	330.5	0.011
DPA	200.0	12.152	5943.4	913.3	0.061
N-NitrosoDPA	75.0	13.034	1443.1	111.8	0.000

0.421

Avg. % Stabilizer for Lot

0.421

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Mike Kile

Avg. Tot. Stabilizers **0.42 %**

Analyst Signature

Stable YES | **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070019				D533 / M6 propellant			
Date of analysis:				Date: 29 MAY 2012			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.86	235.9	525.7	0.223		
2,4-DNDPA	50.0	3.398	913.2	0	0.000		
2,2' DNDPA	50.0	5.133	1007.2	37577	0.000		
2,4' DNDPA	50.0	7.409	1002.4	0	0.000		
4NDPA	50.0	8.917	1612.8	186.9	0.012		
2NDPA	50.0	10.112	2882.2	282.1	0.010		
DPA	200.0	11.607	5642.3	917.9	0.065		
N-NitrosoDPA	75.0	12.414	1351.4		0.000		
				0.309			
Avg. % Stabilizer for Lot				0.309			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.31 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070020			D533 / M6 propellant		
Date of analysis:			Date: 10 Feb 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.868	53.7	398.1	0.741
2,4-DNDPA	50.0	3.292	916.2	0	0.000
2,2' DNDPA	50.0	4.936	839.4	22071	0.000
2,4' DNDPA	50.0	6.943	1003.3	0	0.000
4NDPA	50.0	8.309	1616.5	50	0.003
2NDPA	50.0	9.362	2912	113.3	0.004
DPA	200.0	10.749	5497.2	666	0.048
N-NitrosoDPA	75.0	11.362	1264.1	355.2	0.000
				0.797	
Avg. % Stabilizer for Lot				0.797	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 0.80 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 48

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 2905
Shipping Date 4-5-13
Purchase Order No.
Freight Charges: Collect Prepaid
Location No. 2905

(Mail or Street Address of Consignee - For purposes of notification only)
Consigned to
Destination 710-16
County
Route
Charge Account of
Fed Lic.
State Lic.
Customer No.
Customer P.O. No.
Rel. No.
Exp. Date 5/1/15

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes 'RECEIVED' stamp from Austin Powder Company East Camden Plant dated APR - 5 2013.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (B) 382-8700
I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.
Received By Date 4/5/13
By AUTHORIZED RECEIVER Date

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-5-13

B/L# 2905 TRL 17749

M-6

IND81G-070061 12 PTS
IND81D-070019 4 PTS
IND81D-070020 4 PTS
IND86E-070616 8 PTS
IND85F-070588 3 PTS
IND85D-070520 1 PT
IND81K-070071 2 PTS
IND81F-070024 6 PTS
IND84L-070454 1 PT
IND84K-070452 1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

Load 48
600 28

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER 2905

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	<u>RRUK</u>	
3. DATE/TIME OF INSPECTION	<u>4-5-13</u>	
4. LOCATION OF INSPECTION	<u>EXDLO SYSTEMS INC</u>	
5. OPERATOR(S) NAME(S)	<u>FAULK, ARTHUR</u>	
6. OPERATOR(S) LICENSE NUMBER(S)	<u>13631449 TX</u>	
7. MEDICAL EXAMINER'S CERTIFICATE*	<u>10-10-14</u>	

8. (X if satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input checked="" type="checkbox"/>
		a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>
		b. TRAILER	<input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR/TRAILER/DROM 11. VEHICLE NUMBER(S) TRAC #177 / TRL # 17749

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) [Signature] 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) [Signature] 26. DRIVER(S) SIGNATURE (Origin) X.O. Faulk

27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification.	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD	Additional Information	E
PERSONAL PROTECTION EQUIPMENT		
A Safety Goggles	n Safety Goggles	O Eye Protection
q Boots	r Synthetic Apron	S Full Body
u Goggles	w Full Body	y Full Body
p Gloves	t Full Facepiece	z Full Facepiece
X Consult your supervisor or S.D.P. for "SPECIAL" handling directions		

Routes of Entry: Inhalation; Skin; Ingestion
 Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.
 Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.
 Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon
 Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.
 Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496
 Evaporation Rate: <1 (Butylacetate = 1)
 Solubility in Water: negligible
 Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.
 Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85F070588			D533 / M6 propellant		
Date of analysis:			Date: 20 Dec 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.059	87.1	1411.1	1.620
2,4-DNDPA	50.0	5.198	631.9	845.8	0.134
2,2' DNDPA	50.0	7.699	1074.2	15722.5	0.000
2,4' DNDPA	50.0	11.782	545	0	0.000
4NDPA	50.0	13.513	1464.9	246.8	0.017
2NDPA	50.0	15.189	1011.6	0	0.000
DPA	200.0	16.638	2894.7	309.8	0.043
N-NitrosoDPA	75.0	18.069	720.1	0	0.000
				1.814	
Avg. % Stabilizer for Lot				1.814	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 1.81 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85D070520 **D533 / M6 propellant**

Date of analysis: **Date: 22 Dec 2010**

Other Information M6 Propellant	Sample Data #1 0.5000 g 100 ml Solvent ACN
---	---

Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	4.041	1072.9	2745.6	0.256
2,4-DNDPA	50.0	9.403	1132.4	27290.8	2.410
2,2' DNDPA	50.0	11.071	1654.7	59.9	0.000
2,4' DNDPA	50.0	11.863	1176.6	121	0.010
4NDPA	50.0	12.612	2267.7	0	0.000
2NDPA	50.0	14.156	6085.2	565.1	0.009
DPA	200.0	15.296	1602.1	0	0.000
N-NitrosoDPA	75.0	19.37	2345.7	685	0.000

	2.685
Avg. % Stabilizer for Lot	2.685

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst Mike Kile **Avg. Tot. Stabilizers** **2.69 %**

Analyst Signature Lab. Supervisor Signature	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Stable</td> <td style="width: 30%; text-align: center;">YES</td> <td style="width: 40%;">Unstable</td> </tr> <tr> <td colspan="3">Comments</td> </tr> <tr> <td colspan="3" style="text-align: center;">CATEGORY: A</td> </tr> </table>	Stable	YES	Unstable	Comments			CATEGORY: A		
Stable	YES	Unstable								
Comments										
CATEGORY: A										

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84L070454			D533 / M6 propellant		
Date of analysis:			Date: 4 MAY 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.867	83.7	400.6	0.479
2,4-DNDPA	50.0	3.338	1156.5	0	0.000
2,2' DNDPA	50.0	5.017	5373.7	23342	0.000
2,4' DNDPA	50.0	7.147	1263.8	0	0.000
4NDPA	50.0	8.595	2061.4	48.3	0.002
2NDPA	50.0	9.687	3694.9	94.1	0.003
DPA	200.0	11.119	7683.7	721.2	0.038
N-NitrosoDPA	75.0	11.99	2133.1		0.000
				0.521	
Avg. % Stabilizer for Lot				0.521	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.52 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84K070452				D533 / M6 propellant			
Date of analysis:				Date: 13 AUGUST 2012			
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN			
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.874	41.1	237.6	0.578		
2,4-DNDPA	50.0	3.363	1017.6	0	0.000		
2,2' DNDPA	50.0	5.079	4556.2	22977	0.000		
2,4' DNDPA	50.0	7.471	1126.4	0	0.000		
4NDPA	50.0	8.907	1830.9	53.4	0.003		
2NDPA	50.0	10.084	3271.2	114.5	0.004		
DPA	200.0	11.54	6554.9	610.4	0.037		
N-NitrosoDPA	75.0	12.349	1509.1	0	0.000		
				0.622			
Avg. % Stabilizer for Lot				0.622			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.62 %			
Analyst Signature <i>T. Dickerson</i>				Stable YES		Unstable	
Lab. Supervisor Signature <i>[Signature]</i>				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81K070071			D533 / M6 propellant		
Date of analysis:			Date: 7 FEB 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.863	50.1	541.1	1.080
2,4-DNDPA	50.0	3.336	893.6	14.7	0.002
2,2' DNDPA	50.0	5.03	726.8	22818	0.000
2,4' DNDPA	50.0	7.182	1225.5	0	0.000
4NDPA	50.0	8.642	1532.1	73.1	0.005
2NDPA	50.0	9.759	2784.7	153.7	0.006
DPA	200.0	11.235	5480.9	820.7	0.060
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000
					1.152
Avg. % Stabilizer for Lot					1.152
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 1.15 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81F070024			D533 / M6 propellant		
Date of analysis:			Date: 9 DEC 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.748	166.8	892.3	0.535
2,4-DNDPA	50.0	3.333	991.5	0	0.000
2,2' DNDPA	50.0	5.039	624.7	22530	0.000
2,4' DNDPA	50.0	7.221	1076.5	0	0.000
4NDPA	50.0	8.681	1747.7	46.9	0.003
2NDPA	50.0	9.803	3112	109.9	0.004
DPA	200.0	11.276	5985.4	604.1	0.040
N-NitrosoDPA	75.0	12.035	1482.1	0	0.000
				0.582	
Avg. % Stabilizer for Lot				0.582	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.58 %		
Analyst Signature			Stable YES		Unstable
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070020				D533 / M6 propellant			
Date of analysis:				Date: 10 Feb 2012			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.868	53.7	398.1	0.741		
2,4-DNDPA	50.0	3.292	916.2	0	0.000		
2,2' DNDPA	50.0	4.936	839.4	22071	0.000		
2,4' DNDPA	50.0	6.943	1003.3	0	0.000		
4NDPA	50.0	8.309	1616.5	50	0.003		
2NDPA	50.0	9.362	2912	113.3	0.004		
DPA	200.0	10.749	5497.2	666	0.048		
N-NitrosoDPA	75.0	11.362	1264.1	355.2	0.000		
				0.797			
Avg. % Stabilizer for Lot				0.797			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 0.80 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments			
				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81G070061			D533 / M6 propellant		
Date of analysis:			Date: 12 JULY 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.71	111	358.1	0.323
2,4-DNDPA	50.0	3.475	1001	79.1	0.008
2,2' DNDPA	50.0	5.325	95	18335	0.000
2,4' DNDPA	50.0	7.791	1061.3	83.2	0.008
4NDPA	50.0	9.345	1700.8	167.7	0.010
2NDPA	50.0	10.629	3041.2	330.5	0.011
DPA	200.0	12.152	5943.4	913.3	0.061
N-NitrosoDPA	75.0	13.034	1443.1	111.8	0.000
					0.421
Avg. % Stabilizer for Lot					0.421
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 0.42 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 49

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, end destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 2906
Shipping Date 4-5-13
Purchase Order No.
By KKK K Freight Charges: Collect Prepaid VVV Location No. 2472/2473

Consigned to Austin Powder Co
Destination 7-12-10 Blinn Rd State
County East Cameron Par
Route
Charge Account of 1-870-574 2560 Customer P.O. No. Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes 'RECEIVED' stamp and 'DANGER' label.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per DOT Hazardous Material Handling Number Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) Received By Date 4-5-13

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-5-13

B/L# 2906 TRL 6810053

M-6

IND82G-070164 8 PTS
IND87D-070450 5 PTS
IND82D-070110 1 PT
IND81G-070061 3 PTS
IND81D-070020 8 PTS
IND84L-070454 1 PT
IND81L-070072 1 PT
IND85F-070588 2 PTS
IND86E-070616 2 PTS
IND83G-070281 2 PTS
IND82H-070167 7 PTS
IND85F-070588 2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

Load 49
6628

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2906

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	RRUK	
3. DATE/TIME OF INSPECTION	4-5-13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PERABO, THOMAS	
6. OPERATOR(S) LICENSE NUMBER(S)	P32082490060 P/L	
7. MEDICAL EXAMINER'S CERTIFICATE*	2-25-14	

8. (X if satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	d. ERG OR EQUIVALENT COMMERCIAL: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input type="checkbox"/>	NO <input type="checkbox"/>
b. VALID LEASE*	e. DRIVER'S VEHICLE INSPECTION REPORT*	a. TRUCK/TRACTOR <input checked="" type="checkbox"/>	
c. ROUTE PLAN	f. COPY OF 49 CFR PART 397	b. TRAILER <input type="checkbox"/>	

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR / TRAILER / DROM	11. VEHICLE NUMBER(S) TRAC # / TRL #
---	--

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTED RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]* 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 826 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) *[Signature]* 26. DRIVER(S) SIGNATURE (Origin) *[Signature]*
27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination) *[Signature]*



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification.	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
Additional Information		F
PERSONAL PROTECTION EQUIPMENT		
A	N	O
Q	R	S
U	V	Y
W	X	Z
X Consult your supervisor or S.O.P. for 'SPECIAL' handling directions		

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration **The US Department of Transportation**
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85F070588			D533 / M6 propellant		
Date of analysis:			Date: 20 Dec 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.059	87.1	1411.1	1.620
2,4-DNDPA	50.0	5.198	631.9	845.8	0.134
2,2' DNDPA	50.0	7.699	1074.2	15722.5	0.000
2,4' DNDPA	50.0	11.782	545	0	0.000
4NDPA	50.0	13.513	1464.9	246.8	0.017
2NDPA	50.0	15.189	1011.6	0	0.000
DPA	200.0	16.638	2894.7	309.8	0.043
N-NitrosoDPA	75.0	18.069	720.1	0	0.000
					1.814
Avg. % Stabilizer for Lot					1.814
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 1.81 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84L070454				D533 / M6 propellant			
Date of analysis:				Date: 4 MAY 2012			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.867	83.7	400.6	0.479		
2,4-DNDPA	50.0	3.338	1156.5	0	0.000		
2,2' DNDPA	50.0	5.017	5373.7	23342	0.000		
2,4' DNDPA	50.0	7.147	1263.8	0	0.000		
4NDPA	50.0	8.595	2061.4	48.3	0.002		
2NDPA	50.0	9.687	3694.9	94.1	0.003		
DPA	200.0	11.119	7683.7	721.2	0.038		
N-NitrosoDPA	75.0	11.99	2133.1		0.000		
				0.521			
Avg. % Stabilizer for Lot				0.521			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.52 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83G070281	D533 / M6 propellant
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Date of analysis:	Date: 4 April 2012
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Other Information M6 Propellant	Sample Data #1 0.50 g 100 ml	Solvent ACN
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Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.881	40.9	93.7	0.229
2,4-DNDPA	50.0	3.279	928	0	0.000
2,2' DNDPA	50.0	4.66	26957	26191	0.000
2,4' DNDPA	50.0	6.571	992.8	0	0.000
4NDPA	50.0	7.798	1662.7	158.3	0.010
2NDPA	50.0	8.806	2938.9	98.9	0.003
DPA	200.0	10.221	5774.5	1004.4	0.070
N-NitrosoDPA	75.0	10.895	1475.9	0	0.000

	0.312
Avg. % Stabilizer for Lot	0.312

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst Takisha Dickerson	Avg. Tot. Stabilizers 0.31 %
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Analyst Signature	Stable YES Unstable
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Lab. Supervisor Signature	Comments CATEGORY: A
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	Actions to be Taken
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HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82D070110				D533 / M6 propellant			
Date of analysis:				Date: 27 JULY 2011			
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml			Solvent ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.694	112.8	437.7	0.388		
2,4-DNDPA	50.0	3.477	942.8	0	0.000		
2,2' DNDPA	50.0	5.339	77.4	22925	0.000		
2,4' DNDPA	50.0	7.842	1020.3	0	0.000		
4NDPA	50.0	9.392	1634.2	119.1	0.007		
2NDPA	50.0	10.693	2956.2	134.9	0.005		
DPA	200.0	12.201	5630.5	218.4	0.016		
N-NitrosoDPA	75.0	13.103	1385.2	0	0.000		
				0.415			
Avg. % Stabilizer for Lot				0.415			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 0.42 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82G070164			D533 / M6 propellant		
Date of analysis:			Date: 22 Dec 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	4.041	1072.9	2489.9	0.232
2,4-DNDPA	50.0	9.403	1132.4	28529	2.519
2,2' DNDPA	50.0	11.071	1654.7	76.5	0.000
2,4' DNDPA	50.0	11.863	1176.6	131	0.011
4NDPA	50.0	12.612	2267.7	0	0.000
2NDPA	50.0	14.156	6085.2	504.4	0.008
DPA	200.0	15.296	1602.1	0	0.000
N-NitrosoDPA	75.0	19.37	2345.7	612.7	0.000
				2.771	
Avg. % Stabilizer for Lot				2.771	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 2.77 %		
Analyst Signature			Stable YES		Unstable
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070020				D533 / M6 propellant	
Date of analysis:				Date: 10 Feb 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.868	53.7	398.1	0.741
2,4-DNDPA	50.0	3.292	916.2	0	0.000
2,2' DNDPA	50.0	4.936	839.4	22071	0.000
2,4' DNDPA	50.0	6.943	1003.3	0	0.000
4NDPA	50.0	8.309	1616.5	50	0.003
2NDPA	50.0	9.362	2912	113.3	0.004
DPA	200.0	10.749	5497.2	666	0.048
N-NitrosoDPA	75.0	11.362	1264.1	355.2	0.000
					0.797
Avg. % Stabilizer for Lot					0.797
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile				Avg. Tot. Stabilizers 0.80 %	
Analyst Signature				Stable YES Unstable	
				Comments	
Lab. Supervisor Signature				CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81G070061				D533 / M6 propellant	
Date of analysis:				Date: 12 JULY 2011	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.71	111	358.1	0.323
2,4-DNDPA	50.0	3.475	1001	79.1	0.008
2,2' DNDPA	50.0	5.325	95	18335	0.000
2,4' DNDPA	50.0	7.791	1061.3	83.2	0.008
4NDPA	50.0	9.345	1700.8	167.7	0.010
2NDPA	50.0	10.629	3041.2	330.5	0.011
DPA	200.0	12.152	5943.4	913.3	0.061
N-NitrosoDPA	75.0	13.034	1443.1	111.8	0.000
				0.421	
Avg. % Stabilizer for Lot				0.421	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 0.42 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Road 50

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2907

Shipping Date 4-8-13

At _____ Purchase Order No. _____

By KRUIK Freight Charges: Collect _____ Prepaid XXX Location No. 2477/1607

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 5-118-10370-50 Exp. Date 5/1/15

Destination 7-15-10 PLANNING RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN MD Customer No. _____

Route _____

Charge Account of 1570 571 1580 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. <u>728</u>
								Trailer No. <u>4/19/13</u>
								Mileage
								Total <u>2415</u>
								Packages <u>2415</u>
								Gross
								Weight # <u>27000</u>
								Net Explosive Weight
								<u>35,280</u>

ENTERED
4/8/13
MKC

RECEIVED
6628
APR - 8 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____
DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

Received By _____ Date 4-5-13
 CONSIGNEE CARRIER
By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-8-13

B/L# 2907 TRL 6810057

M-6

IND80M-070011	23 PTS
IND86M-070673	4 PTS
IND87H-070720	2 PTS
IND84B-070447	1 PT
IND82E-070114	5 PTS
IND84E-070434	1 PT
IND88A-070891	3 PTS
IND83H-070292	1 PT
IND88H-070966	1 PT
IND85A-070504	1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

Load 50
6628

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2407

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	DDOR	
3. DATE/TIME OF INSPECTION	4-8-13	
4. LOCATION OF INSPECTION	EXDIO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PEARLINO, YANNIS	
6. OPERATOR(S) LICENSE NUMBER(S)	P32082490000 FL	
7. MEDICAL EXAMINER'S CERTIFICATE*	2-25-14	

8. <i>(X if satisfactory at origin)</i>		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input checked="" type="checkbox"/> a. TRUCK/TRACTOR <input checked="" type="checkbox"/> b. TRAILER

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) **TRACTOR/TRAILER/DRUM** 11. VEHICLE NUMBER(S)
TRAC # 7304 / TRL # 6810057

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM					t. OTHER (Specify)

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) 26. DRIVER(S) SIGNATURE (Origin)

27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT		HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	
HEALTH	2 2	HAZARD INDEX 4 = SEVERE HAZARD 3 = SERIOUS HAZARD 2 = MODERATE HAZARD 1 = SLIGHT HAZARD 0 = MINIMAL HAZARD An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification. Additional Information:	PERSONAL PROTECTION INDEX A B C D E F G H I J K X Consult your supervisor or S.O.P. for 'SPECIAL' handling directions
FLAMMABILITY	4		
PHYSICAL HAZARD	4	PERSONAL PROTECTION EQUIPMENT A Safety Glasses B Goggles C Face Shield D Respirator E Gloves F Boots G Protective Apron H Fall Protection I Fall Protection J Fall Protection K Fall Protection L Fall Protection M Fall Protection N Fall Protection O Fall Protection P Fall Protection Q Fall Protection R Fall Protection S Fall Protection T Fall Protection U Fall Protection V Fall Protection W Fall Protection X Fall Protection Y Fall Protection Z Fall Protection	
PERSONAL PROTECTION	[B]		

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND88H070966		D533 / M6 propellant	
Date of analysis:			
Date: 29 JULY 2011			
Other Information			
M6 Propellant		#1	
Sample Data		0.50 g	
Solvent		ACN	
100 ml			
Standards (ERG-006)			
Sample #		Area %	
Intg. Conc.		Intg. Area 1	
Stabilizer		Conc. Ret	
ppm		Time	
Area 1			
4,4'-DNPPA		50.0 0.642 125.1	
2,4-DNDPA		50.0 3.455 992.3	
2,2'-DNPPA		50.0 5.274 125.3	
2,4'-DNPPA		50.0 7.702 1067.4	
4NDPA		50.0 9.26 1688.8	
2NDPA		50.0 10.547 3070.1	
DPA		200.0 12.08 5796.8	
N-NitrosodPA		75.0 12.966 1456.1	
Avg. % Stabilizer for Lot		0.536	
0.30% or more is Stability Code A		0.20% - 0.29% is Stability Code C	
Less than 0.20% is Stability Code D			
Analyst Kisha Dickerson			
Avg. Tot. Stabilizers 0.54 %			
Analyst Signature		Stable YES Unstable	
Lab. Supervisor Signature		Comments	
Actions to be Taken		CATEGORY: A	

2907

50

HPLC PROPELLANT STABILITY REPORT	
Lot Number: IND85A070504	
D533 / M6 propellant	
Date of analysis:	
Date: 20 SEPT 2011	
Other Information	
M6 Propellant	
#1	
Sample Data	
0.50 g	
100 ml	
Solvent ACN	
Standards (ERG-006)	
Sample #	Intg. Conc.
Area %	Area 1
4'4' DNPA	50.0 0.879 103.3
2'4' DNPA	50.0 3.443 1005
2'2' DNPA	50.0 5.241 3015.2
2'4' DNPA	50.0 7.622 1105.4
4NDPA	50.0 9.178 1784.2
2NDPA	50.0 10.444 3183
DPA	200.0 11.979 6201.8
N-NitrosodPA	75.0 12.852 1490.6
Avg. % Stabilizer for Lot	
0.360	
0.360	
0.30% or more is Stability Code A	
0.20% -0.29% is Stability Code C	
Less than 0.20% is Stability Code D	
Analyst TAKISHA DICKERSON	
Avg. Tot. Stabilizers 0.36 %	
Stable YES Unstable	
Comments	
CATEGORY: A	
Lab. Supervisor Signature	
Analyst Signature	
Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84E070434		D533 / M6 propellant	
Date of analysis:		Date: 19 SEPT 2011	
Other Information		Sample Data	
M6 Propellant		#1	
0.50 g		100 ml	
Solvent		ACN	
Standards (ERG-006)		Sample #	
Stabilizer	Conc. Ret	Intg.	Intg. Conc.
ppm	Time	Area 1	Area %
4,4' DNPA	50.0	0.866	65.3
2,4-DNPA	50.0	3.45	959.2
2,2' DNPA	50.0	5.27	2749.5
2,4' DNPA	50.0	7.695	1051.4
4NDPA	50.0	9.247	1702.8
2NDPA	50.0	10.528	3035.1
DPA	200.0	12.044	5992.2
N-NitrosodPA	75.0	12.922	1413.2
		372.3	0.570
		13.2	0.001
		22015	0.000
		0	0.000
		73.3	0.004
		131.5	0.004
		876.8	0.059
		0	0.000
Avg. % Stabilizer for Lot		0.639	
0.30% or more is Stability Code A 0.20% - 0.29% is Stability Code C Less than 0.20% is Stability Code D			
Analyst MIKE KILE		Avg. Tot. Stabilizers 0.64 %	
Analyst Signature		Stable YES Unstable	
Lab. Supervisor Signature		Comments CATEGORY: A	
Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT	
Lot Number: IND80M070011	D533 / M6 propellant
Date of analysis:	Date: 22 March 2012
Other Information	Sample Data
M6 Propellant	#1
	0.50 g
	100 ml
	Solvent ACN
Standards (ERG-006)	Sample #
Stabilizer	Conc. Ret Intg.
	ppm Time Area 1
4,4' DNDPA	50.0 0.897 14.6
2,4-DNDPA	50.0 3.327 870.9
2,2' DNDPA	50.0 5.054 688.7
2,4' DNDPA	50.0 7.295 945.9
4NDPA	50.0 8.792 1528.5
2NDPA	50.0 10.019 2755.3
DPA	200.0 11.357 5392.9
N-NitrosodPA	75.0 12.286 1332.2
	40.4 0.277
	0 0.000
	29012 0.000
	0 0.000
	144 0.009
	103.4 0.004
	588.9 0.044
	0 0.000
0.30% or more is Stability Code A 0.20% - 0.29% is Stability Code C Less than 0.20% is Stability Code D	
Analyst	Takisha Dickerson
Analyst Signature	
Lab. Supervisor Signature	
Comments	Stable YES Unstable
CATEGORY: A	
Actions to be Taken	
Avg. Tot. Stabilizers 0.33 %	
Avg. % Stabilizer for Lot 0.334	

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 51

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055	Shipper's No. <u>2908</u>
At _____	Shipping Date <u>4-8-13</u>
By <u>RRUK</u>	Purchase Order No. _____
Freight Charges: Collect _____ Prepaid <u>XXV</u>	Location No. <u>2473</u>

(Mail or Street Address of Consignee — For purposes of notification only)		
Consigned to <u>Explo Systems, Inc.</u>	Fed Lic. <u>5-107-103-70-06 80179</u>	Exp. Date <u>5/1/15</u>
Destination <u>7-LL-10 B/H/WDY/110</u> State _____	State Lic. _____	Exp. Date _____
County <u>East Camden AR</u>	Customer No. _____	
Route _____		
Charge Account of <u>1-570 571 0580</u>	Customer P.O. No. _____	Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. _____
								Trailer No. <u>7-1077</u>
								Mileage _____
								Total Packages <u>2</u>
								Gross Weight # <u>27.00</u>
								Net Explosive Weight <u>25.780</u>

ENTERED
4/8/13
mmk

RECEIVED
6630
APR - 8 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature *[Signature]* Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 / 62044589

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By *William P. Chapman* Date 4/8/13
 CONSIGNEE CARRIER
By _____ Date _____
AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-8-13

B/L# 2908 TRL 7810099

M-6

IND81L-070014	6 PTS
IND82H-070167	8 PTS
IND82E-070115	6 PTS
IND85C-070512	9 PTS
IND86E-070616	2 PTS
IND85F-070588	3 PTS
IND87F-070024	2 PTS
IND83K-070319	4 PTS
IND84G-070326	2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

Load 51

6030

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER **2908**

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TRUK	
3. DATE/TIME OF INSPECTION	4-8-13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	Chapman William	
6. OPERATOR(S) LICENSE NUMBER(S)	T122107005 MD	
7. MEDICAL EXAMINER'S CERTIFICATE*	3-14-13	

B. (X if satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT <input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
b. VALID LEASE* <input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT* <input checked="" type="checkbox"/>	a. TRUCK/TRACTOR <input checked="" type="checkbox"/>	
c. ROUTE PLAN <input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397 <input checked="" type="checkbox"/>	b. TRAILER <input checked="" type="checkbox"/>	

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) **TRACTOR/TRAILER/DROM** 11. VEHICLE NUMBER(S) **TRAC # 634 / TRL # 7810099**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]* 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) *[Signature]* 26. DRIVER(S) SIGNATURE (Origin) *William R Chapman*

27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification. Additional information.	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		F
A Safety Glasses	n Splash Goggles	G
q Boots	r Synthetic Apron	H
u Hair Net/Headcap	s Fall Protection	I
	t Heat Insulated	J
	w Fall & Slip (Resist)	K
	y Fall Protection	X Consult your supervisor or S.O.P. for "SPECIAL" handling directions.
	z Other class of PPE	

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- MAY EXPLODE AND THROW FRAGMENTS 1600 METERS (1 MILE) OR MORE IF FIRE REACHES CARGO.
- For information on "Compatibility Group" letters, refer to Glossary section.

HEALTH

- Fire may produce irritating, corrosive and/or toxic gases.

PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- Isolate spill or leak area immediately for at least 500 meters (1/3 mile) in all directions.
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

- Large Spill
 - Consider initial evacuation for 800 meters (1/2 mile) in all directions.
- Fire
 - If rail car or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, ISOLATE for 1600 meters (1 mile) in all directions; also, initiate evacuation including emergency responders for 1600 meters (1 mile) in all directions.
 - When heavily encased explosives are not involved, evacuate the area for 800 meters (1/2 mile) in all directions.

* For information on "Compatibility Group" letters, refer to the Glossary section.

EMERGENCY RESPONSE

FIRE

CARGO Fire

- DO NOT fight fire when fire reaches cargo! Cargo may EXPLODE!
 - Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let burn.
 - Do not move cargo or vehicle if cargo has been exposed to heat.
- ##### TIRE or VEHICLE Fire
- Use plenty of water - FLOOD it! If water is not available, use CO₂ dry chemical or dirt.
 - If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area.
 - Pay special attention to tire fires as re-ignition may occur. Stand by with extinguisher ready.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- DO NOT OPERATE RADIO TRANSMITTERS WITHIN 100 METERS (330 FEET) OF ELECTRIC DETONATORS.
- DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

* For information on "Compatibility Group" letters, refer to the Glossary section.

51
2908

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND86E070616				D533 / M6 propellant		
Date of analysis:				Date: 19 NOV 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent 100 ml ACN		
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	2.068	135.8	654.4	0.482	
2,4-DNDPA	50.0	5.182	717.3	0	0.000	
2,2' DNDPA	50.0	7.635	736.3	13022.2	0.000	
2,4' DNDPA	50.0	11.713	779	0	0.000	
4NDPA	50.0	13.454	462.4	0	0.000	
2NDPA	50.0	15.161	1164.1	0	0.000	
DPA	200.0	16.583	4078.5	221.2	0.022	
N-NitrosoDPA	75.0	18.033	1011.7	0	0.000	
				0.504		
Avg. % Stabilizer for Lot				0.504		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.50 %		
Analyst Signature				Stable YES		Unstable
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85C070512 **D533 / M6 propellant**

Date of analysis: **Date: 10 AUGUST 2012**

Other Information M6 Propellant	Sample Data #1 0.50 g 100 ml Solvent ACN
---	---

Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283
2,4-DNDPA	50.0	3.343	910.9	0	0.000
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000
2,4' DNDPA	50.0	7.363	1013.2	0	0.000
4NDPA	50.0	8.784	1647.3	59.7	0.004
2NDPA	50.0	9.95	2919.6	95.5	0.003
DPA	200.0	11.386	5857.1	714.1	0.049
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000

	1.339
Avg. % Stabilizer for Lot	1.339

0.30% or more is Stability Code A
 0.20% -0.29% is Stability Code C
 Less than 0.20% is Stability Code D

Analyst Takisha Dickerson **Avg. Tot. Stabilizers** **1.34 %**

Analyst Signature 	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Stable</td> <td style="width: 20%; text-align: center;">YES</td> <td style="width: 20%;">Unstable</td> </tr> </table>	Stable	YES	Unstable
Stable	YES	Unstable		
Lab. Supervisor Signature 	Comments CATEGORY: A			

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84G070326				D533 / M6 propellant			
Date of analysis:				Date: 3 MAY 2012			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.867	104.4	324.4	0.311		
2,4-DNDPA	50.0	3.335	1105.6	0	0.000		
2,2' DNDPA	50.0	5.007	4986.7	23068	0.000		
2,4' DNDPA	50.0	7.137	1206.9	0	0.000		
4NDPA	50.0	8.593	1969.2	87.1	0.004		
2NDPA	50.0	9.688	3527.8	151.4	0.004		
DPA	200.0	11.153	7041.6	785.8	0.045		
N-NitrosoDPA	75.0	11.897	1704.5		0.000		
				0.364			
Avg. % Stabilizer for Lot				0.364			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.36 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82E070115				D533 / M6 propellant			
Date of analysis:				Date: 2 SEPTEMBER 21			
Other Information M6 Propellant		Sample Data				Solvent	
		#1		0.50 g		100 ml	
						ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.631	119.7	513.1	0.429		
2,4-DNDPA	50.0	3.438	959.4	17.4	0.002		
2,2' DNDPA	50.0	5.235	1727.8	25268	0.000		
2,4' DNDPA	50.0	7.619	1043.1	0	0.000		
4NDPA	50.0	9.163	1669.9	77.7	0.005		
2NDPA	50.0	10.427	3002.4	153.6	0.005		
DPA	200.0	11.959	5688.4	920.8	0.065		
N-NitrosoDPA	75.0	12.823	1409.6	0	0.000		
				0.505			
Avg. % Stabilizer for Lot				0.505			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst KISHA DICKERSON				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments			
				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81F070024				D533 / M6 propellant			
Date of analysis:				Date: 9 DEC 2011			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.748	166.8	892.3	0.535		
2,4-DNDPA	50.0	3.333	991.5	0	0.000		
2,2' DNDPA	50.0	5.039	624.7	22530	0.000		
2,4' DNDPA	50.0	7.221	1076.5	0	0.000		
4NDPA	50.0	8.681	1747.7	46.9	0.003		
2NDPA	50.0	9.803	3112	109.9	0.004		
DPA	200.0	11.276	5985.4	604.1	0.040		
N-NitrosoDPA	75.0	12.035	1482.1	0	0.000		
				0.582			
Avg. % Stabilizer for Lot				0.582			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.58 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 52

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2910

Shipping Date 4-8-13

At _____ Purchase Order No. _____

By RROK Freight Charges: Collect _____ Prepaid xxx Location No. 7473

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to Austin Powder Co Fed. Lic. 5 PR-103-LD 55-00139 Exp. Date 5/1/15

Destination 7-10-10 BARRINGER State _____ State Lic. _____ Exp. Date _____

County BRISTOL Customer No. _____

Route _____

Charge Account of 1-870 574 7580 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
		<u>William Kelly</u>						Truck No. <u>288</u>
		<u>William Kelly 4/8/13</u>						Trailer No. <u>7117</u>
								Mileage
								Total <u>2914</u>
								Packages <u>2914</u>
								Gross Weight # <u>39,050</u>
								Net Explosive Weight <u>26,780</u>

ENTERED
4/9/13
MK

RECEIVED
66630
APR - 9 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 222-944589

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____

Received By William R Chapman Date 4/8/13
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-8-13

B/L# 2910 TRL 17749

M-6

IND85C-070512	11 PTS
IND81L-070073	1 PT
IND82H-070167	4 PTS
IND85F-070588	2 PTS
IND82E-070115	15 PTS
IND82H-070169	7 PTS
IND82A-070101	2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

Load 52

60030

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk(*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
Additional Information		F
PERSONAL PROTECTION EQUIPMENT		
A Safety Glasses	n Eye Protection	O Ear Protection
Q Shoes	r Synthetic Apron	S Full Suit
U Other Hazards	W Full Body Coverage	y Full Face Protection
		Z Other Hazards
		P Gloves
		t Ear Protection
		X Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81L070073			D533 / M6 propellant		
Date of analysis:			Date: 29 JULY 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.642	125.1	606.3	0.485
2,4-DNDPA	50.0	3.455	992.3	0	0.000
2,2' DNDPA	50.0	5.274	125.3	22452	0.000
2,4' DNDPA	50.0	7.702	1067.4	0	0.000
4NDPA	50.0	9.26	1688.8	34.3	0.002
2NDPA	50.0	10.547	3070.1	102.4	0.003
DPA	200.0	12.08	5796.8	430.9	0.030
N-NitrosoDPA	75.0	12.966	1456.1	0	0.000
				0.520	
Avg. % Stabilizer for Lot				0.520	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 0.52 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 53

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 2911
Shipping Date 4-8-13
Purchase Order No.
By [Signature] Freight Charges: Collect Prepaid [X] Location No.

Consigned to Austin Powder Co
Destination 7-12-10 Blumby RD State
County East Camden AR
Route
Charge Account of 7083589/7083580 Customer P.O. No. Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes 'RECEIVED' stamp from Austin Powder Company dated APR - 9 2013.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per DOT Hazardous Material Handling Number Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By [Signature] Date [Date]
[] CONSIGNEE [] CARRIER
By [Signature] Date [Date]
AUTHORIZED RECEIVER

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-8-13

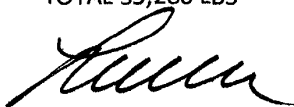
B/L# 2911 TRL 18483

M-6

IND82A-070101 2 PTS
IND83G-070281 2 PTS
IND82H-070167 12 PTS
IND85C-070512 3 PTS
IND81L-070014 7 PTS
IND82E-070115 9 PTS
IND85F-070588 4 PTS
IND86E-070616 3 PTS

42 PTS WITH 6 FB @ 140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

*Load 53
6LC30*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2911

SECTION 1 - DOCUMENTATION		ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	ROCK		
3. DATE/TIME OF INSPECTION	4-1-13		
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC		
5. OPERATOR(S) NAME(S)	PENNERO THOMAS		
6. OPERATOR(S) LICENSE NUMBER(S)	P52082490060		
7. MEDICAL EXAMINER'S CERTIFICATE*	2-25-14		

8. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. VALID LEASE*	<input type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*			a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397			b. TRAILER	<input type="checkbox"/>	<input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)
TRACTOR / TRAILER / DROM	TRAC # 134 / TRL # 18483

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					
b. HORN OPERATIVE					
c. STEERING SYSTEM					
d. WINDSHIELD/WIPERS					
e. MIRRORS					
f. WARNING EQUIPMENT					
g. FIRE EXTINGUISHER*					
h. ELECTRICAL WIRING					
i. LIGHTS AND REFLECTORS					
j. FUEL SYSTEM*					
k. EXHAUST SYSTEM					
l. BRAKE SYSTEM*					
m. SUSPENSION					
n. COUPLING DEVICES					
o. CARGO SPACE					
p. LANDING GEAR*					
q. TIRES, WHEELS, RIMS					
r. TAILGATE/DOORS*					
s. TARPULIN*					
t. OTHER <i>(Specify)</i>					

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)*

[Handwritten Signature]

17. INSPECTOR SIGNATURE *(Destination)*

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR

19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT

20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT

21. PROPER PLACARDS APPLIED

22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS

23. COPY OF DD FORM 626 FOR DRIVER

24. SHIPPED UNDER DOT SPECIAL PERMIT 868

25. INSPECTOR SIGNATURE *(Origin)*

[Handwritten Signature]

26. DRIVER(S) SIGNATURE *(Origin)*

[Handwritten Signature]

27. INSPECTOR SIGNATURE *(Destination)*

28. DRIVER(S) SIGNATURE *(Destination)*



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		F
A Safety Glasses	n Splash Goggles	G
q Boots	r Synthetic Apron	H
u Shoe Covers	w Cold Water Immunity	I
	y Ear Protection	J
	z Face Shield or Full Facepiece Respirator	K
		X Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harriet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

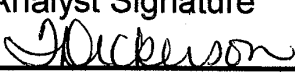
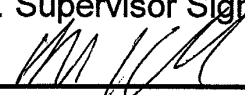
Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85F070588				D533 / M6 propellant			
Date of analysis:				Date: 20 Dec 2010			
Other Information M6 Propellant		Sample Data				Solvent	
		#1		0.5000 g		100 ml	
						ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.059	87.1	1411.1	1.620		
2,4-DNDPA	50.0	5.198	631.9	845.8	0.134		
2,2' DNDPA	50.0	7.699	1074.2	15722.5	0.000		
2,4' DNDPA	50.0	11.782	545	0	0.000		
4NDPA	50.0	13.513	1464.9	246.8	0.017		
2NDPA	50.0	15.189	1011.6	0	0.000		
DPA	200.0	16.638	2894.7	309.8	0.043		
N-NitrosoDPA	75.0	18.069	720.1	0	0.000		
				1.814			
Avg. % Stabilizer for Lot				1.814			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 1.81 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments			
				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85C070512				D533 / M6 propellant			
Date of analysis:				Date: 10 AUGUST 2012			
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml			Solvent ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283		
2,4-DNDPA	50.0	3.343	910.9	0	0.000		
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000		
2,4' DNDPA	50.0	7.363	1013.2	0	0.000		
4NDPA	50.0	8.784	1647.3	59.7	0.004		
2NDPA	50.0	9.95	2919.6	95.5	0.003		
DPA	200.0	11.386	5857.1	714.1	0.049		
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000		
				1.339			
Avg. % Stabilizer for Lot				1.339			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 1.34 %			
Analyst Signature 				Stable YES		Unstable	
Lab. Supervisor Signature 				Comments CATEGORY: A			
Actions to be Taken							

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND83G070281			D533 / M6 propellant		
Date of analysis:			Date: 4 April 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.881	40.9	93.7	0.229
2,4-DNDPA	50.0	3.279	928	0	0.000
2,2' DNDPA	50.0	4.66	26957	26191	0.000
2,4' DNDPA	50.0	6.571	992.8	0	0.000
4NDPA	50.0	7.798	1662.7	158.3	0.010
2NDPA	50.0	8.806	2938.9	98.9	0.003
DPA	200.0	10.221	5774.5	1004.4	0.070
N-NitrosoDPA	75.0	10.895	1475.9	0	0.000
				0.312	
Avg. % Stabilizer for Lot				0.312	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.31 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82H070167			D533 / M6 propellant		
Date of analysis:			Date: 6 JAN 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.65	119.1	308.2	0.259
2,4-DNDPA	50.0	3.304	1019.8	0	0.000
2,2' DNDPA	50.0	4.943	1734.6	23824	0.000
2,4' DNDPA	50.0	7.018	1103.9	404.1	0.037
4NDPA	50.0	8.439	1782.5	50.5	0.003
2NDPA	50.0	9.513	3182.1	79.6	0.003
DPA	200.0	10.956	6219.8	750.3	0.048
N-NitrosoDPA	75.0	11.669	1532.4	0	0.000
				0.349	
Avg. % Stabilizer for Lot				0.349	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.35 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82E070115				D533 / M6 propellant			
Date of analysis:				Date: 2 SEPTEMBER 21			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.631	119.7	513.1	0.429		
2,4-DNDPA	50.0	3.438	959.4	17.4	0.002		
2,2' DNDPA	50.0	5.235	1727.8	25268	0.000		
2,4' DNDPA	50.0	7.619	1043.1	0	0.000		
4NDPA	50.0	9.163	1669.9	77.7	0.005		
2NDPA	50.0	10.427	3002.4	153.6	0.005		
DPA	200.0	11.959	5688.4	920.8	0.065		
N-NitrosoDPA	75.0	12.823	1409.6	0	0.000		
				0.505			
Avg. % Stabilizer for Lot				0.505			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst KISHA DICKERSON				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 54

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No: 2912

Shipping Date: 4-9-13

At: _____

By: RRK

Freight Charges: Collect _____ Prepaid XXX

Purchase Order No. _____

Location No. 24

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to: Austin Powder Co

Destination: 7-12-10 Blainey Rd State: _____

County: East Camden AR

Route: _____

Charge Account of: 1870-574-6580

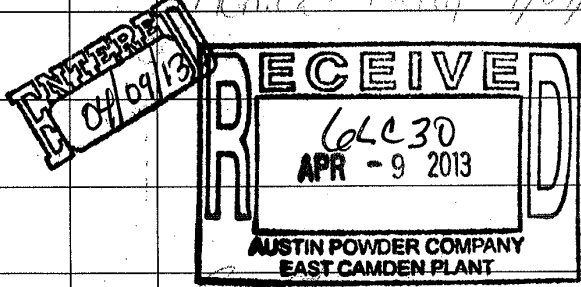
Fed Lic. 5-MR-103-20-5C-10139 Exp. Date 5/1/15

State Lic. _____ Exp. Date _____

Customer No. _____

Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
		UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
								Truck No. 6177
								Trailer No. 7810099
								Mileage
								Total Packages
								Gross Weight # 39,000
								Net Explosive Weight 35,280



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature: _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3836 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By: V. Faulk Date: 4-9-13

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

CONSIGNEE CARRIER

By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-9-13

B/L# 2912 TRL 7810099

M-6

IND86M-070673 28 PTS

IND80M-070011 2 PTS

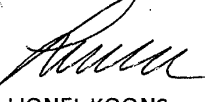
IND84K-070448 2 PTS

IND82D-070113 6 PTS

IND83F-070278 4 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

Load 54

61030

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2912

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	RRUK	
3. DATE/TIME OF INSPECTION	4-9-13	
4. LOCATION OF INSPECTION	EXDIO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	FRANK ALMONY	
6. OPERATOR(S) LICENSE NUMBER(S)	13631449 TX	
7. MEDICAL EXAMINER'S CERTIFICATE*	10-10-14	

B. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>		a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>	
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397			b. TRAILER	<input type="checkbox"/>	

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) TRACTOR / TRAILER / DROM	11. VEHICLE NUMBER(S) TRAC # 6177 / TRL # 7810099
---	---

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN*
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]* 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARP AULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					N/A
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					N/A

25. INSPECTOR SIGNATURE (Origin) *[Signature]* 26. DRIVER(S) SIGNATURE (Origin) **V. Fall 4-9-13**

27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination)



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		F
A	H	G
B	I	H
C	J	I
D	K	J
E	L	K
F	M	L
G	N	M
H	O	N
I	P	O
J	Q	P
K	R	Q
L	S	R
M	T	S
N	U	T
O	V	U
P	W	V
Q	X	W
R	Y	X
S	Z	Y
T		Z
U		
V		
W		
X		
Y		
Z		
		X Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harport et Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82D070113			D533 / M6 propellant		
Date of analysis:			Date: 6 JAN 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.65	119.1	328.4	0.276
2,4-DNDPA	50.0	3.304	1019.8	16	0.002
2,2' DNDPA	50.0	4.943	1734.6	21955	0.000
2,4' DNDPA	50.0	7.018	1103.9	0	0.000
4NDPA	50.0	8.439	1782.5	66.8	0.004
2NDPA	50.0	9.513	3182.1	143.1	0.004
DPA	200.0	10.956	6219.8	790.9	0.051
N-NitrosoDPA	75.0	11.669	1532.4	0	0.000
					0.336
Avg. % Stabilizer for Lot					0.336
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON			Avg. Tot. Stabilizers 0.34 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 55

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, to the said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry the same to the usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, (2) in a rail or rail-water shipment, or (3) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055. Shipper's No. 2915. Shipping Date 4-9-13. Purchase Order No. Location No. 2316. Freight Charges: Collect Prepaid XXX.

Consigned to Austin Powder Co. Destination 7-12-10 Blount St. State GA. Exp. Date 5-1-15. Charge Account of 7870 574 7560. Customer P.O. No. Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H, M, Placards Applied to Railcar or Motor Vehicle. Includes 'RECEIVED' and 'ENTERED' stamps.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature: [Handwritten]. Invoice No. [Blank]. FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055. I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition. Received By: [Signature] Date: 4-9-13. Per: [Blank] DOT Hazardous Material Handling Number [Blank] Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

Load 55
660310

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-9-13

B/L# 2915 TRL 6810053

M-6

IND81J-070067 2 PTS
IND81D-070015 11 PTS
IND81F-070025 1 PT
IND82D-070110 5 PTS
IND81D-070019 6 PTS
IND82G-070164 2 PTS
IND81F-070024 2 PTS
IND81F-070015 2 PTS
IND81D-070020 1 PT
IND85C-070512 7 PTS
IND82G-070164 1 PT
IND81L-070074 2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2915

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION		ORIGIN a.	DESTINATION b.
3. DATE/TIME OF INSPECTION		RRUK	
4. LOCATION OF INSPECTION		4-9-13	
5. OPERATOR(S) NAME(S)		EXDLO SYSTEMS INC	
6. OPERATOR(S) LICENSE NUMBER(S)		FAULK, ANTHONY	
7. MEDICAL EXAMINER'S CERTIFICATE*		13631449 TX	
8. (X if satisfactory at origin)		10-10-14	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input checked="" type="checkbox"/>
			9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*
			a. TRUCK/TRACTOR <input checked="" type="checkbox"/>
			b. TRAILER <input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)				11. VEHICLE NUMBER(S)			
TRACTOR / TRAILER / DROM				TRAC # 6177 / TRL # 6810053			
12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)		
	SAT	UNSAT	SAT	UNSAT			
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM		
b. HORN OPERATIVE					l. BRAKE SYSTEM*		
c. STEERING SYSTEM					m. SUSPENSION		
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES		
e. MIRRORS					o. CARGO SPACE		
f. WARNING EQUIPMENT					p. LANDING GEAR*		
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS		
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*		
i. LIGHTS AND REFLECTORS					s. TARPULIN*		
j. FUEL SYSTEM*					t. OTHER (Specify)		
13. INSPECTION RESULTS (X one)				REJECTED			
ACCEPTED <input checked="" type="checkbox"/>				REJECTED <input type="checkbox"/>			
<i>(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)</i>							
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one)				REJECTED			
ACCEPTED <input type="checkbox"/>				REJECTED <input checked="" type="checkbox"/>			
15. REMARKS							
16. INSPECTOR SIGNATURE (Origin)				17. INSPECTOR SIGNATURE (Destination)			
<i>[Signature]</i>				<i>[Signature]</i>			

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 826 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					
25. INSPECTOR SIGNATURE (Origin)	26. DRIVER(S) SIGNATURE (Origin)				
<i>[Signature]</i>	<i>[Signature]</i>				
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)				
<i>[Signature]</i>	<i>[Signature]</i>				



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	—	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	
HEALTH	2	2
FLAMMABILITY	4	
PHYSICAL HAZARD	4	
PERSONAL PROTECTION	[B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification	A
3 = SERIOUS HAZARD		B
2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD		E
PERSONAL PROTECTION EQUIPMENT		
A	n	O
Q	r	S
U	W	y
V	z	Z
X Consult your supervisor or S.O.P. for "SPECIAL" handling directions		

Routes of Entry: Inhalation; Skin; Ingestion
 Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately. INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat. Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496
 Evaporation Rate: <1 (Butylacetate = 1)
 Solubility in Water: negligible
 Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.
 Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

55
2915

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND85C070512				D533 / M6 propellant		
Date of analysis:				Date: 10 AUGUST 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g		Solvent 100 ml ACN		
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283	
2,4-DNDPA	50.0	3.343	910.9	0	0.000	
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000	
2,4' DNDPA	50.0	7.363	1013.2	0	0.000	
4NDPA	50.0	8.784	1647.3	59.7	0.004	
2NDPA	50.0	9.95	2919.6	95.5	0.003	
DPA	200.0	11.386	5857.1	714.1	0.049	
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000	
				1.339		
Avg. % Stabilizer for Lot				1.339		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 1.34 %		
Analyst Signature <i>T. Dickerson</i>				Stable YES Unstable		
Lab. Supervisor Signature <i>[Signature]</i>				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82G070164				D533 / M6 propellant			
Date of analysis:				Date: 22 Dec 2010			
Other Information M6 Propellant			Sample Data #1 0.5000 g 100 ml			Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	4.041	1072.9	2489.9	0.232		
2,4-DNDPA	50.0	9.403	1132.4	28529	2.519		
2,2' DNDPA	50.0	11.071	1654.7	76.5	0.000		
2,4' DNDPA	50.0	11.863	1176.6	131	0.011		
4NDPA	50.0	12.612	2267.7	0	0.000		
2NDPA	50.0	14.156	6085.2	504.4	0.008		
DPA	200.0	15.296	1602.1	0	0.000		
N-NitrosoDPA	75.0	19.37	2345.7	612.7	0.000		
				2.771			
Avg. % Stabilizer for Lot				2.771			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 2.77 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82D070110

D533 / M6 propellant

Date of analysis:

Date: 27 JULY 2011

Other Information

M6 Propellant

Sample Data

#1 0.50 g 100 ml Solvent

ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.694	112.8	437.7	0.388
2,4-DNDPA	50.0	3.477	942.8	0	0.000
2,2' DNDPA	50.0	5.339	77.4	22925	0.000
2,4' DNDPA	50.0	7.842	1020.3	0	0.000
4NDPA	50.0	9.392	1634.2	119.1	0.007
2NDPA	50.0	10.693	2956.2	134.9	0.005
DPA	200.0	12.201	5630.5	218.4	0.016
N-NitrosoDPA	75.0	13.103	1385.2	0	0.000

0.415

Avg. % Stabilizer for Lot

0.415

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Mike Kile

Avg. Tot. Stabilizers **0.42 %**

Analyst Signature

Stable YES **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81L070074				D533 / M6 propellant			
Date of analysis:				Date: 19 SEPT 2011			
Other Information M6 Propellant		Sample Data				Solvent	
		#1		0.50 g		100 ml	
						ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.866	65.3	504.3	0.772		
2,4-DNDPA	50.0	3.45	959.2	0	0.000		
2,2' DNDPA	50.0	5.27	2749.5	21863	0.000		
2,4' DNDPA	50.0	7.695	1051.4	0	0.000		
4NDPA	50.0	9.247	1702.8	66.6	0.004		
2NDPA	50.0	10.528	3035.1	96.6	0.003		
DPA	200.0	12.044	5992.2	593	0.040		
N-NitrosoDPA	75.0	12.922	1413.2	0	0.000		
				0.819			
Avg. % Stabilizer for Lot				0.819			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst MIKE KILE				Avg. Tot. Stabilizers 0.82 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81F070024				D533 / M6 propellant			
Date of analysis:				Date: 9 DEC 2011			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.748	166.8	892.3	0.535		
2,4-DNDPA	50.0	3.333	991.5	0	0.000		
2,2' DNDPA	50.0	5.039	624.7	22530	0.000		
2,4' DNDPA	50.0	7.221	1076.5	0	0.000		
4NDPA	50.0	8.681	1747.7	46.9	0.003		
2NDPA	50.0	9.803	3112	109.9	0.004		
DPA	200.0	11.276	5985.4	604.1	0.040		
N-NitrosoDPA	75.0	12.035	1482.1	0	0.000		
				0.582			
Avg. % Stabilizer for Lot				0.582			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.58 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81J070067			D533 / M6 propellant		
Date of analysis:			Date: 19 JULY 2011		
Other Information M6 Propellant		Sample Data #1		0.50 g	100 ml
				Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.727	41.3	307.7	0.745
2,4-DNDPA	50.0	3.473	885.1	0	0.000
2,2' DNDPA	50.0	5.326	352.6	24476	0.000
2,4' DNDPA	50.0	7.805	948.1	0	0.000
4NDPA	50.0	9.354	1524.4	143.9	0.009
2NDPA	50.0	10.646	2712.4	121	0.004
DPA	200.0	12.156	5262.6	496.9	0.038
N-NitrosoDPA	75.0	13.045	1286	0	0.000
				0.797	
Avg. % Stabilizer for Lot				0.797	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 0.80 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 56

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 2913
Shipping Date 4-9-13
Purchase Order No.
Location No. 2417/2479/2483
Freight Charges: Collect Prepaid xxx

Consigned to (Mail or Street Address of Consignee - For purposes of notification only)
Destination 711 W Blumby Rd State EAST CAMDEN NJ
Exp. Date 5/1/15
Customer P.O. No. Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes 'RECEIVED' stamp from Austin Powder Company East Camden Plant dated APR 10 2013.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature: [Signature] Invoice No.
FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (8) 382-8700
I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.
Received By: [Signature] Date: 4-9-13
By: [Signature] Date: AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-9-13

B/L# 2913 TRL 6810057

M-6

IND86M-070673	3 PTS
IND82L-070178	2 PTS
IND85K-070592	2 PTS
IND83F-070274	1 PT
IND84K-070448	5 PTS
IND84L-070331	2 PTS
IND82J-070172	7 PTS
IND80M-070011	3 PTS
IND85F-070588	1 PT
IND86E-070616	5 PTS
IND81F-070024	4 PTS
IND82D-070110	4 PTS
IND84L-070454	2 PTS
IND81L-070072	1 PT

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

*Load 56
6044*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)										
(Read Instructions before completing this form.)										
This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.					1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER 2913					
SECTION I - DOCUMENTATION			ORIGIN a.			DESTINATION b.				
2. CARRIER/GOVERNMENT ORGANIZATION			RRV K							
3. DATE/TIME OF INSPECTION			4-9-13							
4. LOCATION OF INSPECTION			EXDLO SYSTEMS INC							
5. OPERATOR(S) NAME(S)			PARDLO, THOMAS							
6. OPERATOR(S) LICENSE NUMBER(S)			P32082490060 FL							
7. MEDICAL EXAMINER'S CERTIFICATE*			2-25-14							
8. (X if satisfactory at origin)					9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*					
a. MILITARY HAZMAT ENDORSEMENT		<input checked="" type="checkbox"/>		d. ERG OR EQUIVALENT COMMERCIAL:		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		a. TRUCK/TRACTOR		
b. VALID LEASE*		<input checked="" type="checkbox"/>		e. DRIVER'S VEHICLE INSPECTION REPORT*		<input checked="" type="checkbox"/>		b. TRAILER		
c. ROUTE PLAN		<input checked="" type="checkbox"/>		f. COPY OF 49 CFR PART 397		<input type="checkbox"/>		<input type="checkbox"/>		
SECTION II - MECHANICAL INSPECTION										
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.										
10. TYPE OF VEHICLE(S) TRACTOR/TRAILER / DROM					11. VEHICLE NUMBER(S) TRAC # 7306 / TRL # 6810057					
12. PART INSPECTED (X as applicable)		ORIGIN (1)		DESTINATION (2)		ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
		SAT UNSAT		SAT UNSAT		SAT UNSAT		SAT UNSAT		
a. SPARE ELECTRICAL FUSES										k. EXHAUST SYSTEM
b. HORN OPERATIVE										l. BRAKE SYSTEM*
c. STEERING SYSTEM										m. SUSPENSION
d. WINDSHIELD/WIPERS										n. COUPLING DEVICES
e. MIRRORS										o. CARGO SPACE
f. WARNING EQUIPMENT										p. LANDING GEAR*
g. FIRE EXTINGUISHER*										q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING										r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS										s. TARP AULIN*
j. FUEL SYSTEM*										t. OTHER (Specify)
13. INSPECTION RESULTS (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)										
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED <input checked="" type="checkbox"/>					REJECTED <input type="checkbox"/>					
15. REMARKS										
16. INSPECTOR SIGNATURE (Origin)					17. INSPECTOR SIGNATURE (Destination)					
SECTION III - POST LOADING INSPECTION										
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.						ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
						SAT UNSAT		SAT UNSAT		
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR										
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT										
20. SEALS APPLIED TO CLOSED VEHICLE; TARP AULIN APPLIED ON OPEN EQUIPMENT										
21. PROPER PLACARDS APPLIED										
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS						N/A				
23. COPY OF DD FORM 626 FOR DRIVER										
24. SHIPPED UNDER DOT SPECIAL PERMIT 868						N/A				
25. INSPECTOR SIGNATURE (Origin)					26. DRIVER(S) SIGNATURE (Origin)					
27. INSPECTOR SIGNATURE (Destination)					28. DRIVER(S) SIGNATURE (Destination)					



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	
3 = SERIOUS HAZARD		
2 = MODERATE HAZARD		
1 = SLIGHT HAZARD		
0 = MINIMAL HAZARD		

PERSONAL PROTECTION EQUIPMENT			
A Safety Glasses	n Splash Goggles	o Full-Trade Cloth Protection	P Goggles
q Boots	r Synthetic Suits	s Full Body	t Heat Resistant
u Non-Sparking Tools	w Full Body Suits	y Full Face Respirator	z Airline Hood or Breathing Apparatus

A	Safety Glasses
B	Safety Glasses + Gloves
C	Safety Glasses + Gloves + Foot Protection
D	Safety Glasses + Gloves + Foot Protection + Head Protection
E	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection
F	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection
G	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection + Hearing Protection
H	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection + Hearing Protection + Fall Protection
I	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection + Hearing Protection + Fall Protection + Life Line
J	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection + Hearing Protection + Fall Protection + Life Line + Additional Protection
K	Safety Glasses + Gloves + Foot Protection + Head Protection + Respiratory Protection + Skin Protection + Hearing Protection + Fall Protection + Life Line + Additional Protection + Additional Protection
X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

56
2913

HPLC PROPELLANT STABILITY REPORT						
Lot Number: IND86M070673				D533 / M6 propellant		
Date of analysis:				Date: 7 FEB 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml			Solvent ACN	
Standards (ERG-006)				Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %	
4,4' DNDPA	50.0	0.863	50.1	452.6	0.903	
2,4-DNDPA	50.0	3.336	893.6	0	0.000	
2,2' DNDPA	50.0	5.03	726.8	22299	0.000	
2,4' DNDPA	50.0	7.182	1225.5	0	0.000	
4NDPA	50.0	8.642	1532.1	67.5	0.004	
2NDPA	50.0	9.759	2784.7	120.3	0.004	
DPA	200.0	11.235	5480.9	727.3	0.053	
N-NitrosoDPA	75.0	11.979	1363.1	0	0.000	
				0.965		
Avg. % Stabilizer for Lot				0.965		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D						
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.97 %		
Analyst Signature				Stable YES		Unstable
Lab. Supervisor Signature				Comments CATEGORY: A		
				Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND86E070616				D533 / M6 propellant			
Date of analysis:				Date: 19 NOV 2010			
Other Information M6 Propellant			Sample Data #1 0.5000 g 100 ml			Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.068	135.8	654.4	0.482		
2,4-DNDPA	50.0	5.182	717.3	0	0.000		
2,2' DNDPA	50.0	7.635	736.3	13022.2	0.000		
2,4' DNDPA	50.0	11.713	779	0	0.000		
4NDPA	50.0	13.454	462.4	0	0.000		
2NDPA	50.0	15.161	1164.1	0	0.000		
DPA	200.0	16.583	4078.5	221.2	0.022		
N-NitrosoDPA	75.0	18.033	1011.7	0	0.000		
				0.504			
Avg. % Stabilizer for Lot				0.504			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85F070588				D533 / M6 propellant			
Date of analysis:				Date: 20 Dec 2010			
Other Information M6 Propellant		Sample Data #1 0.5000 g		100 ml		Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	2.059	87.1	1411.1	1.620		
2,4-DNDPA	50.0	5.198	631.9	845.8	0.134		
2,2' DNDPA	50.0	7.699	1074.2	15722.5	0.000		
2,4' DNDPA	50.0	11.782	545	0	0.000		
4NDPA	50.0	13.513	1464.9	246.8	0.017		
2NDPA	50.0	15.189	1011.6	0	0.000		
DPA	200.0	16.638	2894.7	309.8	0.043		
N-NitrosoDPA	75.0	18.069	720.1	0	0.000		
				1.814			
Avg. % Stabilizer for Lot				1.814			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 1.81 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number:IND84L070454

D533 / M6 propellant

Date of analysis:

Date: 4 MAY 2012

Other
Information
M6 Propellant

Sample Data

#1

0.50 g

100 ml

Solvent

ACN

Standards (ERG-006)

Sample

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.867	83.7	400.6	0.479
2,4-DNDPA	50.0	3.338	1156.5	0	0.000
2,2' DNDPA	50.0	5.017	5373.7	23342	0.000
2,4' DNDPA	50.0	7.147	1263.8	0	0.000
4NDPA	50.0	8.595	2061.4	48.3	0.002
2NDPA	50.0	9.687	3694.9	94.1	0.003
DPA	200.0	11.119	7683.7	721.2	0.038
N-NitrosoDPA	75.0	11.99	2133.1		0.000

0.521

Avg. % Stabilizer for Lot

0.521

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Takisha Dickerson

Avg. Tot. Stabilizers **0.52 %**

Analyst Signature

Stable YES | Unstable

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84K070448			D533 / M6 propellant		
Date of analysis:			Date: 1 Mar 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.872	13.8	97.7	0.708
2,4-DNDPA	50.0	3.42	982.9	0	0.000
2,2' DNDPA	50.0	5.182	2038.4	23346	0.000
2,4' DNDPA	50.0	7.465	1060.4	0	0.000
4NDPA	50.0	8.991	1708.9	47.8	0.003
2NDPA	50.0	10.17	3062.7	91.8	0.003
DPA	200.0	11.707	6061.6	816.4	0.054
N-NitrosoDPA	75.0	12.518	1461.9	0	0.000
				0.768	
Avg. % Stabilizer for Lot				0.768	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.77 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		


HPLC PROPELLANT STABILITY REPORT

Lot Number:IND82D070110			D533 / M6 propellant		
Date of analysis:			Date: 27 JULY 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.694	112.8	437.7	0.388
2,4-DNDPA	50.0	3.477	942.8	0	0.000
2,2' DNDPA	50.0	5.339	77.4	22925	0.000
2,4' DNDPA	50.0	7.842	1020.3	0	0.000
4NDPA	50.0	9.392	1634.2	119.1	0.007
2NDPA	50.0	10.693	2956.2	134.9	0.005
DPA	200.0	12.201	5630.5	218.4	0.016
N-NitrosoDPA	75.0	13.103	1385.2	0	0.000
				0.415	
Avg. % Stabilizer for Lot				0.415	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Mike Kile			Avg. Tot. Stabilizers 0.42 %		
Analyst Signature			Stable YES Unstable		
Lab. Supervisor Signature			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82J070172				D533 / M6 propellant			
Date of analysis:				Date: 15 July 2011			
Other Information M6 Propellant		Sample Data #1		0.50 g		100 ml	
						Solvent ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.698	60	276.3	0.461		
2,4-DNDPA	50.0	3.469	1060.3	0	0.000		
2,2' DNDPA	50.0	5.327	112.7	25324	0.000		
2,4' DNDPA	50.0	7.82	1131.9	0	0.000		
4NDPA	50.0	9.358	1817.5	137.4	0.008		
2NDPA	50.0	10.643	3250	121.1	0.004		
DPA	200.0	12.15	6225.1	406.2	0.026		
N-NitrosoDPA	75.0	13.037	1551.7	0	0.000		
				0.498			
Avg. % Stabilizer for Lot				0.498			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 0.50 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82L070178				D533 / M6 propellant			
Date of analysis:				Date: 1 FEB 2011			
Other Information M6 Propellant		Sample Data #1 0.5000 g 100 ml			Solvent ACN		
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	4.156	1116	1943.1	0.174		
2,4-DNDPA	50.0	9.388	1191.2	25869.9	2.172		
2,2' DNDPA	50.0	10.987	1694.7	97.6	0.000		
2,4' DNDPA	50.0	11.73	1272.3	145.3	0.011		
4NDPA	50.0	12.459	2443.3	0	0.000		
2NDPA	50.0	13.939	5852.1	388.6	0.007		
DPA	200.0	15.022	1753.1	361.4	0.082		
N-NitrosoDPA	75.0	18.932	2535.1	365.7	0.000		
					2.446		
Avg. % Stabilizer for Lot					2.446		
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst Mike Kile				Avg. Tot. Stabilizers 2.45 %			
Analyst Signature				Stable YES		Unstable	
Lab. Supervisor Signature 				Comments CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81L070072			D533 / M6 propellant		
Date of analysis:			Date: 29 MAY 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.86	235.9	624.2	0.265
2,4-DNDPA	50.0	3.398	913.2	0	0.000
2,2' DNDPA	50.0	5.133	1007.2	37338	0.000
2,4' DNDPA	50.0	7.409	1002.4	0	0.000
4NDPA	50.0	8.917	1612.8	156.8	0.010
2NDPA	50.0	10.112	2882.2	297.6	0.010
DPA	200.0	11.607	5642.3	1100.9	0.078
N-NitrosoDPA	75.0	12.414	1351.4		0.000
				0.363	
Avg. % Stabilizer for Lot				0.363	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.36 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81F070024				D533 / M6 propellant	
Date of analysis:				Date: 9 DEC 2011	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.748	166.8	892.3	0.535
2,4-DNDPA	50.0	3.333	991.5	0	0.000
2,2' DNDPA	50.0	5.039	624.7	22530	0.000
2,4' DNDPA	50.0	7.221	1076.5	0	0.000
4NDPA	50.0	8.681	1747.7	46.9	0.003
2NDPA	50.0	9.803	3112	109.9	0.004
DPA	200.0	11.276	5985.4	604.1	0.040
N-NitrosoDPA	75.0	12.035	1482.1	0	0.000
				0.582	
Avg. % Stabilizer for Lot				0.582	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.58 %	
Analyst Signature				Stable YES Unstable	
				Comments	
Lab. Supervisor Signature				CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND80M070011			D533 / M6 propellant		
Date of analysis:			Date: 22 March 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.897	14.6	40.4	0.277
2,4-DNDPA	50.0	3.327	870.9	0	0.000
2,2' DNDPA	50.0	5.054	688.7	29012	0.000
2,4' DNDPA	50.0	7.295	945.9	0	0.000
4NDPA	50.0	8.792	1528.5	144	0.009
2NDPA	50.0	10.019	2755.3	103.4	0.004
DPA	200.0	11.357	5392.9	588.9	0.044
N-NitrosoDPA	75.0	12.286	1332.2	0	0.000
				0.334	
Avg. % Stabilizer for Lot				0.334	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.33 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			Actions to be Taken		

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

Load 57

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 2916

Shipping Date 4-10-13

At _____ Purchase Order No. _____

By PROK Freight Charges: Collect _____ Prepaid xxx Location No. 2510

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Austin Powder Co Fed Lic. 5-171 107 10 SE 00179 Exp. Date 5/1/15

Destination 716-10 Blinnville State _____ State Lic. _____ Exp. Date _____

County 7157 Louisiana, MO Customer No. _____

Route _____

Charge Account of LDW 574 0580 Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>252/4</u>	<u>4700</u>	UN0161, Powder, Smokeless, 1.3C, PG II			#112			EXPLOSIVES 1.3
		<u>Monica Kelly</u>						Truck No. <u>7306</u>
		<u>Monica Kelly 4/10/13</u>						Trailer No. <u>7810079</u>
								Mileage
								Total <u>252 1910</u>
								Packages <u>2 1401300</u>
								Gross
								Weight # <u>39000</u>
								Net Explosive Weight
		<u>7083879 / 7083900</u>						<u>25280</u>

ENTERED
4/11/13
me

RECEIVED
66644
APR 10 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 8112045349

Permanent Address of Shipper: **Explo Systems, Inc.**
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

By _____ Date _____
AUTHORIZED RECEIVER

Load 57

6644

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4-10-13

B/L# 2916 TRL 7810099

M-6

IND81J-070067 4 PTS
IND81G-070015 8 PTS
IND82D-070110 6 PTS
IND81D-070019 5 PTS
IND81F-070024 1 PTS
IND85C-070512 3 PTS
IND81L-070074 2 PTS
IND81G-070061 4 PTS
IND81J-070067 3 PTS
IND84L-070454 2 PTS
IND85F-070587 1 PT
IND81L-070073 1 PT
IND85F-Y70588 2 PTS

42 PTS WITH 6 FB @140 LBS PER DRUM

TOTAL 35,280 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

2916

SECTION 1 - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	TRUK	
3. DATE/TIME OF INSPECTION	4-10-13	
4. LOCATION OF INSPECTION	EXDLO SYSTEMS INC	
5. OPERATOR(S) NAME(S)	PEDRO, YHENUA	
6. OPERATOR(S) LICENSE NUMBER(S)	P32082490060 FL	
7. MEDICAL EXAMINER'S CERTIFICATE*	2-25-14	

8. <i>(X if satisfactory at origin)</i>		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*	
a. MILITARY HAZMAT ENDORSEMENT	d. ERG OR EQUIVALENT COMMERCIAL:	YES	NO
b. VALID LEASE*	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. ROUTE PLAN	f. COPY OF 49 CFR PART 397	1. TRUCK/TRACTOR	2. TRAILER

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)	11. VEHICLE NUMBER(S)
TRACTOR / TRAILER / DROM	TRAC # 7306 / TRL # 7810099

12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					
b. HORN OPERATIVE					
c. STEERING SYSTEM					
d. WINDSHIELD/WIPERS					
e. MIRRORS					
f. WARNING EQUIPMENT					
g. FIRE EXTINGUISHER*					
h. ELECTRICAL WIRING					
i. LIGHTS AND REFLECTORS					
j. FUEL SYSTEM*					
k. EXHAUST SYSTEM					
l. BRAKE SYSTEM*					
m. SUSPENSION					
n. COUPLING DEVICES					
o. CARGO SPACE					
p. LANDING GEAR*					
q. TIRES, WHEELS, RIMS					
r. TAILGATE/DOORS*					
s. TARPULIN*					
t. OTHER <i>(Specify)</i>					

13. INSPECTION RESULTS *(X one)* ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE <i>(Origin)</i>	17. INSPECTOR SIGNATURE <i>(Destination)</i>

SECTION III - POST LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE <i>(Origin)</i>	26. DRIVER(S) SIGNATURE <i>(Origin)</i>
27. INSPECTOR SIGNATURE <i>(Destination)</i>	28. DRIVER(S) SIGNATURE <i>(Destination)</i>



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted

Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX	
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification Additional Information	A	
3 = SERIOUS HAZARD		B	
2 = MODERATE HAZARD		C	
1 = SLIGHT HAZARD		D	
0 = MINIMAL HAZARD		E	
PERSONAL PROTECTION EQUIPMENT		F	
A Safety Glasses	n Splash Goggles	O Eye Shields or Face Shields	P Gloves
q Boots	r Synthetic Apron	S Full Body	T Ear Muffs or Earplugs
u Hard Hat	w Full Body Suits (Chemical)	y Hearing Protection	Z Other (as listed on label)

Routes of Entry: Inhalation; Skin; Ingestion

Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.

INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V – TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Smokeless Powder (wetted)
Hazard Class: 1.3C
UN No. UN0161
Packing Group: II

SECTION VI - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

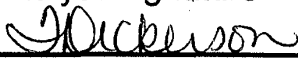
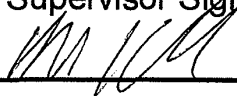
Page 1 of 1

57

2916

HPLC PROPELLANT STABILITY REPORT					
Lot Number:IND85F070587			D533 / M6 propellant		
Date of analysis:			Date:25 AUG 2010		
Other Information M6 Propellant		Sample Data #1 0.5000 g		Solvent 100 ml ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	2.177	146.5	1821.4	1.243
2,4-DNDPA	50.0	5.001	961.7	0	0.000
2,2' DNDPA	50.0	7.038	2567.5	14427.7	0.000
2,4' DNDPA	50.0	9.931	938.5	0	0.000
4NDPA	50.0	11.434	1325.8	0	0.000
2NDPA	50.0	12.813	1809.7	0	0.000
DPA	200.0	14.19	4886.9	225	0.018
N-NitrosoDPA	75.0	15.18	1296.7	0	0.000
				1.262	
Avg. % Stabilizer for Lot				1.262	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 1.26 %		
Analyst Signature			Stable YES Unstable		
Lab. Supervisor Signature			Comments CATEGORY: A		
Actions to be Taken					

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND85C070512			D533 / M6 propellant		
Date of analysis:			Date: 10 AUGUST 2012		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.882	8.8	112.9	1.283
2,4-DNDPA	50.0	3.343	910.9	0	0.000
2,2' DNDPA	50.0	5.034	3858.6	22576	0.000
2,4' DNDPA	50.0	7.363	1013.2	0	0.000
4NDPA	50.0	8.784	1647.3	59.7	0.004
2NDPA	50.0	9.95	2919.6	95.5	0.003
DPA	200.0	11.386	5857.1	714.1	0.049
N-NitrosoDPA	75.0	12.173	1371.4	0	0.000
				1.339	
Avg. % Stabilizer for Lot				1.339	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 1.34 %		
Analyst Signature 			Stable YES		Unstable
Lab. Supervisor Signature 			Comments CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND84L070454				D533 / M6 propellant	
Date of analysis:				Date: 4 MAY 2012	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.867	83.7	400.6	0.479
2,4-DNDPA	50.0	3.338	1156.5	0	0.000
2,2' DNDPA	50.0	5.017	5373.7	23342	0.000
2,4' DNDPA	50.0	7.147	1263.8	0	0.000
4NDPA	50.0	8.595	2061.4	48.3	0.002
2NDPA	50.0	9.687	3694.9	94.1	0.003
DPA	200.0	11.119	7683.7	721.2	0.038
N-NitrosoDPA	75.0	11.99	2133.1		0.000
				0.521	
Avg. % Stabilizer for Lot				0.521	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson				Avg. Tot. Stabilizers 0.52 %	
Analyst Signature				Stable YES Unstable	
Lab. Supervisor Signature				Comments CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND82D070110

D533 / M6 propellant

Date of analysis:

Date: 27 JULY 2011

Other Information
M6 Propellant

Sample Data

Solvent

#1 0.50 g 100 ml ACN

Standards (ERG-006)

Sample #

Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.694	112.8	437.7	0.388
2,4-DNDPA	50.0	3.477	942.8	0	0.000
2,2' DNDPA	50.0	5.339	77.4	22925	0.000
2,4' DNDPA	50.0	7.842	1020.3	0	0.000
4NDPA	50.0	9.392	1634.2	119.1	0.007
2NDPA	50.0	10.693	2956.2	134.9	0.005
DPA	200.0	12.201	5630.5	218.4	0.016
N-NitrosoDPA	75.0	13.103	1385.2	0	0.000

0.415

Avg. % Stabilizer for Lot

0.415

0.30% or more is Stability Code A
0.20% -0.29% is Stability Code C
Less than 0.20% is Stability Code D

Analyst Mike Kile

Avg. Tot. Stabilizers **0.42 %**

Analyst Signature

Stable YES **Unstable**

Lab. Supervisor Signature

Comments

CATEGORY: A

Actions to be Taken

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81L070073				D533 / M6 propellant	
Date of analysis:				Date: 29 JULY 2011	
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.642	125.1	606.3	0.485
2,4-DNDPA	50.0	3.455	992.3	0	0.000
2,2' DNDPA	50.0	5.274	125.3	22452	0.000
2,4' DNDPA	50.0	7.702	1067.4	0	0.000
4NDPA	50.0	9.26	1688.8	34.3	0.002
2NDPA	50.0	10.547	3070.1	102.4	0.003
DPA	200.0	12.08	5796.8	430.9	0.030
N-NitrosoDPA	75.0	12.966	1456.1	0	0.000
				0.520	
Avg. % Stabilizer for Lot				0.520	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson				Avg. Tot. Stabilizers 0.52 %	
Analyst Signature				Stable YES Unstable	
				Comments	
Lab. Supervisor Signature				CATEGORY: A	
				Actions to be Taken	

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81L070074				D533 / M6 propellant			
Date of analysis:				Date: 19 SEPT 2011			
Other Information M6 Propellant		Sample Data #1 0.50 g		Solvent 100 ml ACN			
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.866	65.3	504.3	0.772		
2,4-DNDPA	50.0	3.45	959.2	0	0.000		
2,2' DNDPA	50.0	5.27	2749.5	21863	0.000		
2,4' DNDPA	50.0	7.695	1051.4	0	0.000		
4NDPA	50.0	9.247	1702.8	66.6	0.004		
2NDPA	50.0	10.528	3035.1	96.6	0.003		
DPA	200.0	12.044	5992.2	593	0.040		
N-NitrosoDPA	75.0	12.922	1413.2	0	0.000		
				0.819			
Avg. % Stabilizer for Lot				0.819			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst MIKE KILE				Avg. Tot. Stabilizers 0.82 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81F070024				D533 / M6 propellant			
Date of analysis:				Date: 9 DEC 2011			
Other Information M6 Propellant		Sample Data				Solvent	
		#1		0.50 g		100 ml ACN	
Standards (ERG-006)				Sample #			
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %		
4,4' DNDPA	50.0	0.748	166.8	892.3	0.535		
2,4-DNDPA	50.0	3.333	991.5	0	0.000		
2,2' DNDPA	50.0	5.039	624.7	22530	0.000		
2,4' DNDPA	50.0	7.221	1076.5	0	0.000		
4NDPA	50.0	8.681	1747.7	46.9	0.003		
2NDPA	50.0	9.803	3112	109.9	0.004		
DPA	200.0	11.276	5985.4	604.1	0.040		
N-NitrosoDPA	75.0	12.035	1482.1	0	0.000		
				0.582			
Avg. % Stabilizer for Lot				0.582			
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D							
Analyst TAKISHA DICKERSON				Avg. Tot. Stabilizers 0.58 %			
Analyst Signature				Stable YES		Unstable	
				Comments			
Lab. Supervisor Signature				CATEGORY: A			
				Actions to be Taken			

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81D070019			D533 / M6 propellant		
Date of analysis:			Date: 29 MAY 2012		
Other Information M6 Propellant		Sample Data #1		0.50 g	Solvent 100 ml ACN
Standards (ERG-006)				Sample #	
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.86	235.9	525.7	0.223
2,4-DNDPA	50.0	3.398	913.2	0	0.000
2,2' DNDPA	50.0	5.133	1007.2	37577	0.000
2,4' DNDPA	50.0	7.409	1002.4	0	0.000
4NDPA	50.0	8.917	1612.8	186.9	0.012
2NDPA	50.0	10.112	2882.2	282.1	0.010
DPA	200.0	11.607	5642.3	917.9	0.065
N-NitrosoDPA	75.0	12.414	1351.4		0.000
					0.309
Avg. % Stabilizer for Lot					0.309
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Takisha Dickerson			Avg. Tot. Stabilizers 0.31 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature			CATEGORY: A		
			Actions to be Taken		

HPLC PROPELLANT STABILITY REPORT

Lot Number: IND81J070067			D533 / M6 propellant		
Date of analysis:			Date: 19 JULY 2011		
Other Information M6 Propellant		Sample Data #1 0.50 g 100 ml		Solvent ACN	
Standards (ERG-006)			Sample #		
Stabilizer	Conc. ppm	Ret Time	Intg. Area 1	Intg. Area	Conc. %
4,4' DNDPA	50.0	0.727	41.3	307.7	0.745
2,4-DNDPA	50.0	3.473	885.1	0	0.000
2,2' DNDPA	50.0	5.326	352.6	24476	0.000
2,4' DNDPA	50.0	7.805	948.1	0	0.000
4NDPA	50.0	9.354	1524.4	143.9	0.009
2NDPA	50.0	10.646	2712.4	121	0.004
DPA	200.0	12.156	5262.6	496.9	0.038
N-NitrosoDPA	75.0	13.045	1286	0	0.000
				0.797	
Avg. % Stabilizer for Lot				0.797	
0.30% or more is Stability Code A 0.20% -0.29% is Stability Code C Less than 0.20% is Stability Code D					
Analyst Kisha Dickerson			Avg. Tot. Stabilizers 0.80 %		
Analyst Signature			Stable YES		Unstable
			Comments		
Lab. Supervisor Signature					
			Actions to be Taken		

STRAIGHT BILL OF LADING

TRL# 1810037

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, If this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
At gm# 210046
By R/R
Shipper's No: 3092
Shipping Date 10-4-11
Purchase Order No.
Location No.
Freight Charges: Collect [initials] Prepaid

Consigned to Austin Powder Co
Destination 7200 Bland Rd State AR
County East Camden AR
Route 71701
Charge Account of
Customer P.O. No. 11025
Rel. No.
Fed Lic. 404-163-30-26-00074
Exp. Date 7/1/12
State Lic.
Customer No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes a RECEIVED stamp dated OCT - 6 2011 from AUSTIN POWDER COMPANY EAST CAMDEN PLANT.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (8) 382-8700
I have been offered placards identifying the shipment as: Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.
Received By [Signature] Date [Signature]
By [Signature] AUTHORIZED RECEIVER Date [Signature]

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION: R/R

3. DATE/TIME OF INSPECTION: 10-24-11

4. LOCATION OF INSPECTION: EXPLo Systems Inc.

5. OPERATOR(S) NAME(S): Chris McGood

6. OPERATOR(S) LICENSE NUMBER(S): 916632 337 AR

7. MEDICAL EXAMINER'S CERTIFICATE: S-2713

8. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT d. ERG OR EQUIVALENT COMMERCIAL: YES NO

b. VALID LEASE e. DRIVER'S VEHICLE INSPECTION REPORT

c. ROUTE PLAN f. COPY OF 49 CFR PART 397

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT: YES NO

a. TRUCK/TRACTOR

b. TRAILER

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S): Tractor Trailer

11. VEHICLE NUMBER(S): Tractor # 5970 / Trailer # 1810037

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					x. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN <u>N/A</u>
j. FUEL SYSTEM					t. OTHER (Specify) <u>N/A</u>

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED N/A

15. REMARKS

16. INSPECTOR SIGNATURE (Origin): [Signature]

17. INSPECTOR SIGNATURE (Destination):

SECTION III - POST-LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 82B FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin): [Signature]

26. DRIVER(S) SIGNATURE (Origin): [Signature]

27. INSPECTOR SIGNATURE (Destination):

28. DRIVER(S) SIGNATURE (Destination):

HAZARDOUS CONSTITUENTS

COMPONENT	WT. %	CAS NO.	TLV	PEL	SYNONYMS
RDX	40-60	00121-82-4	1.5 mg/m ³	1.5 mg/m ³	Cyclotrimethylenetrinitramine, cyclonite, Hexogen
TNT	40-60	38082-89-2	1.5 mg/m ³	0.5 mg/m ³	2,4,6-Trinitrotoluene

SECTION III – PHYSICAL AND CHEMICAL DATA

Note: Composition B is a mixture and does not have a common melting point for its constituents. Therefore, the melting points of its individual constituents are presented herein.

CONSTITUENT	MELTING POINT, °C	CONSTITUENT	MELTING POINT, °C
RDX	205.5	TNT	80.33

DENSITY (combined calculated): 1.66 gm/cm³

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: SOLID, GRAY TO YELLOW, WITH BITTER ALMOND ODOR.

CONSTITUENT MOLECULAR WEIGHTS:

RDX	TNT
222.12	227.1

MOLECULAR FORMULAE OF CONSTITUENTS:

RDX	TNT
C ₃ BN ₆ O ₆	C ₇ N ₅ O ₆ H ₅

HAZARDOUS REACTIVITY

Instability	Detonates with friction, impact, heat or electrostatic energy.
Incompatibility	Acids and alkalis, some organics such as amines and chlorides.
Hazardous Decomposition	Detonation produces hazardous overpressures and fragments (if confined). Gases produced contain carbon monoxide and oxides of nitrogen.
Polymerization	Polymerization will not occur.

SECTION IV – FIRE AND EXPLOSION DATA

FLASHPOINT: N/A

AUTOIGNITION TEMPERATURE: 466°C

EXTINGUISHING MEDIA: NONE

STABILITY: STABLE

SPECIAL FIREFIGHTING PROCEDURES: Do not fight explosive fires. Isolate area and evacuate to a safe location. Detonations may throw fragments 1600 meters (1 mile) or more.

- Isolate spill area immediately for at least 500 meters (1/3 mile) in all directions.
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING:

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION:

Large Spill – consider initial evacuation for 800 meters (1/2 mile) in all directions.

Fire – If railcar or trailer is involved in a fire and heavily encased explosives (bombs or artillery projectiles) are suspected, isolate for 1600 meters (1 mile) in all directions; also, initiate evacuation including emergency responders for 1600 meters (1 mile) in all directions.

Heavily Cased Explosives Not Involved – evacuate the area for 800 meters (1/2 mile) in all directions.

Warehouse or Cargo Fire – Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn (explode). Do not move any cargo or vehicle if it has been exposed to heat.

Vehicle or Tire Fire – Use as much water as possible – flood, if water is available, also use carbon dioxide, sand or dirt, if available. If possible and without risk, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to other areas. Pay special attention to tire fires as re-ignition may occur...stand by with fire extinguisher.

Spill or Leak – Eliminate all ignition sources. All equipment utilized in spill or leak containment must be nonsparking and/or grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) of electric detonators. Do not clean up or dispose of debris from spill except under specialist's guidance.

First Aid – Move victim to fresh air; call 911 or emergency medical service. Administer oxygen if breathing is impaired. Remove and isolate contaminated clothing and shoes. In case of contact with material, immediately flush skin or eyes with running water for at least 20 minutes. Ensure medical personnel are aware of the material involved and take precautions to protect themselves.

UNUSUAL FIRE AND EXPLOSIVE HAZARD: Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are oxides of nitrogen and carbon monoxide.

SECTION V – HEALTH HAZARD DATA

General	<p>Composition B is a Division 1.1 explosive, and detonation may cause severe physical injury, including death. All explosives are dangerous and must be handled carefully and used following approved safety precautions under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations and ordinances.</p> <p>Composition B is toxic by ingestion. In chronic animal studies by ingestion the components of Composition B caused lung and GI tract congestion, anxiety psychoses, general nervous system diseases, abnormal reflexes, and death. It was not mutagenic in bacterial cell cultures.</p> <p>Reported human health effects include convulsions, insomnia, restlessness, and irritability. Seizures were followed by temporary amnesia, nausea and weakness. Immediately after convulsions, there was evidence of rapid pulse rate and hypertension. Recovery was eventually complete. The components of Composition B are not a human skin irritant and an epidemiology study did not identify any abnormalities attributed to the components of Composition B.</p> <p>Inhalation of explosive powders may cause nervous system irregularities including headaches and dizziness.</p>
Toxicity	Oral LD50: 100 grams/kg rats
Carcinogenicity	None of the components of Composition B are listed as a carcinogen by NTP, IARC or OSHA.
First Aid	<p>Inhalation – not a likely route of exposure. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek prompt medical attention.</p> <p>Eye and Skin Contact – Not a likely route of exposure. Flush eyes with water. Wash skin with soap and water.</p> <p>Ingestion – Not a likely route of exposure. Induce vomiting immediately by giving two glasses of water and sticking finger down throat.</p> <p>Injury from Detonation – Seek prompt medical attention.</p>
Special Precautions	<p>Ventilation – Use only with adequate ventilation.</p> <p>Respiratory – NIOSH approved particle masks for dust and mist.</p> <p>Eye – Safety glasses with sideshields or goggles.</p> <p>Gloves – impervious rubber gloves.</p> <p>Other – Cotton overalls, undergarments and socks. Conductive soled shoes.</p> <p>Keep away from heat, friction, impact. Do not consume food, drink or tobacco in areas where they may become contaminated with these materials.</p>
Storage Conditions	Store in accordance with the requirements of Subpart K, ATF: Explosive Law and Regulations (27 CFR 55.201-55.219).

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2]

Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] May detonate – vacate area if materials are exposed to fire, [3] Strong shock or heat may detonate – use monitors from behind explosive resistant barriers, [2] Violent chemical change possible – use hose streams from distance, [1] Unstable if heated – use normal precautions, [0] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or undergo other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react, nor explosives.

HMIS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Composition B** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Gösta Johansson on behalf of Rammo LAB AB, Vingakeraverken, SM-643 92 Vingaker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907087	Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907088	Hexotel D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0292

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907091	Octol D

RDX Resistor
Comp B Risers

vn 0483
~~3650~~ lbs
3650

SW Craig
10/18/11 mlk

RDX ~~Resistor~~ melted

Comp B Drill Dust

vn0072	105
	60
	102
	100
	40
	32
	85
	<hr/>
	524 lbs

vn 0475

OCTOL 75/25
melt out

42
39
39
44
42
38
18
<hr/>

262

RDX Resistor

Comp B melt out

vn0072 600

27 @ 60 = ~~1620~~
2,200

Display Device : QPADEV02B7
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 10/18/11
15:44:06

Receipt into Stores Item Issue Units Displayed
Order No..... P109016
Advice note.. R&R 1810037 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 210046 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs
* Ref Lne O/s Qty UoM Order qty Item Supplier item ref
1 1 262.000 LB 262.000 10982
Due 10/18/11 Octol 75/25 (Gov't)
2 2 6394.000 LB 6394.000 00865
Due 10/18/11 Composition B (Gov't)

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No: **3090**

At _____

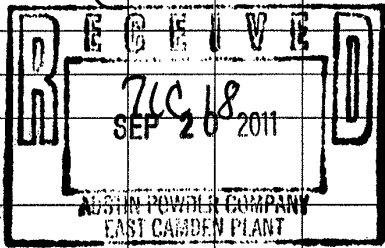
By **R/R** Freight Charges: Collect XXY Prepaid _____ Location No. _____

11225 Shipping Date **9/20/11**
 Purchase Order No. _____

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to **AUSTIN POWDER CO.** Fed Lic. **4-041-163-20 2C-00074** Exp. Date **3/1/12**
 Destination **76C-10 BLANDY RD** State _____ State Lic. _____ Exp. Date _____
 County **EAST CAMDEN ARK** Customer No. _____
 Route **71701**
 Charge Account of _____ Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
217	217	110475 (00225) Comp B 60/40						Truck No. 5970
								Trailer No. R15163
								Mileage
								Total 23815.00
								Packages 21175
								Gross 10M 23,260 lbs
								Weight # 24,100
								Net Explosive Weight
								23264



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 **001044589**

Permanent Address of Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, Louisiana 71055
 (8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per [Signature] **9/20/11** Received By [Signature] Date **9/20/11**
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper) By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

SECTION I - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	R/R	
3. DATE/TIME OF INSPECTION	9/20/11	
4. LOCATION OF INSPECTION	EXPLo Systems Inc.	
5. OPERATOR(S) NAME(S)	Chris Arsgood	
6. OPERATOR(S) LICENSE NUMBER(S)	AR 916832537	
7. MEDICAL EXAMINER'S CERTIFICATE*	5-27-13	

8. (X If satisfactory at origin)		9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT	
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	<input type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input type="checkbox"/>
		a. TRUCK/TRACTOR	<input checked="" type="checkbox"/>
		b. TRAILER	<input checked="" type="checkbox"/>

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) Tractor Trailer	11. VEHICLE NUMBER(S) Tractor H. / Trailer H.
---	--

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					x. EXHAUST SYSTEM*
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN
j. FUEL SYSTEM*					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) <i>M. Miller</i>	17. INSPECTOR SIGNATURE (Destination)
--	---------------------------------------

SECTION III - POST-LOADING INSPECTION
This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED LAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) <i>M. Miller</i>	26. DRIVER(S) SIGNATURE (Origin) <i>Chris Arsgood</i>
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)

EXPLO

SYSTEMS, INC.

Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

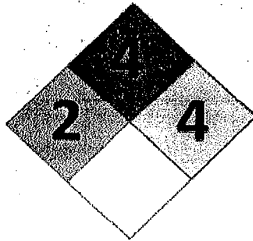
The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

COMPOSITION B

NFPA LABEL...



HMIS LABEL...

COMPOSITION B	
HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see page 4.

SECTION 1

PRODUCT NAME: Composition B

DATE OF ISSUE: August 4, 2010

DESCRIPTION: Explosive

PREPARED BY: Explo Systems, Inc.

US DOT PROPER SHIPPING NAME: Comp B

PACKING GROUP II

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Proper Shipping Name	Hexolite/Hexogen		
Hazard Class	1.1D		
UN Number	0483		
DOT Label and Placard	DOT Label: Explosive 1.1D	DOT Placard	Explosives 1.1

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME: Composition B

COMMON NAME: B

CAS NO.: None Specific (see CAS Nos. of Constituents under Hazardous Constituents below)

HAZARDOUS CONSTITUENTS

COMPONENT	WT. %	CAS NO.	TLV	PEL	SYNONYMS
RDX	40-60	00121-82-4	1.5 mg/m ³	1.5 mg/m ³	Cyclotrimethylenetrinitramine, cyclonite, Hexogen
TNT	40-60	38082-89-2	1.5 mg/m ³	0.5 mg/m ³	2,4,6-Trinitrotoluene

SECTION III – PHYSICAL AND CHEMICAL DATA

Note: Composition B is a mixture and does not have a common melting point for its constituents. Therefore, the melting points of its individual constituents are presented herein.

CONSTITUENT	MELTING POINT, °C	CONSTITUENT	MELTING POINT, °C
RDX	205.5	TNT	80.33

DENSITY (combined calculated): 1.66 gm/cm³

SOLUBILITY IN WATER: Insoluble

APPEARANCE AND ODOR: SOLID, GRAY TO YELLOW, WITH BITTER ALMOND ODOR.

CONSTITUENT MOLECULAR WEIGHTS:

RDX	TNT
222.12	227.1

MOLECULAR FORMULAE OF CONSTITUENTS:

RDX	TNT
C ₃ BN ₆ O ₆	C ₇ N ₃ O ₆ H ₅

HAZARDOUS REACTIVITY

Stability	Detonates with friction, impact, heat or electrostatic energy.
Incompatibility	Acids and alkalis, some organics such as amines and chlorides.
Hazardous Decomposition	Detonation produces hazardous overpressures and fragments (if confined). Gases produced contain carbon monoxide and oxides of nitrogen.
Polymerization	Polymerization will not occur.

SECTION IV – FIRE AND EXPLOSION DATA

FLASHPOINT: N/A

AUTOIGNITION TEMPERATURE: 466°C

EXTINGUISHING MEDIA: NONE

STABILITY: STABLE

SPECIAL FIREFIGHTING PROCEDURES: Do not fight explosive fires. Isolate area and evacuate to a safe location. Detonations may throw fragments 1600 meters (1 mile) or more.

- Isolate spill area immediately for at least 500 meters (1/3 mile) in all directions.
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING:

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION:

Large Spill – consider initial evacuation for 800 meters (1/2 mile) in all directions.

Fire – If railcar or trailer is involved in a fire and heavily encased explosives (bombs or artillery projectiles) are suspected, isolate for 1600 meters (1 mile) in all directions; also, initiate evacuation including emergency responders for 1600 meters (1 mile) in all directions.

Heavily Cased Explosives Not Involved – evacuate the area for 800 meters (1/2 mile) in all directions.

Warehouse or Cargo Fire – Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn (explode). Do not move any cargo or vehicle if it has been exposed to heat.

Vehicle or Tire Fire – Use as much water as possible – flood, if water is available, also use carbon dioxide, sand or dirt, if available. If possible and without risk, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to other areas. Pay special attention to tire fires as re-ignition may occur... stand by with fire extinguisher.

Spill or Leak – Eliminate all ignition sources. All equipment utilized in spill or leak containment must be nonsparking and/or grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) of electric detonators. Do not clean up or dispose of debris from spill except under specialist's guidance.

First Aid – Move victim to fresh air, call 911 or emergency medical service. Administer oxygen if breathing is impaired. Remove and isolate contaminated clothing and shoes. In case of contact with material, immediately flush skin or eyes with running water for at least 20 minutes. Ensure medical personnel are aware of the material involved and take precautions to protect themselves.

UNUSUAL FIRE AND EXPLOSIVE HAZARD: Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are oxides of nitrogen and carbon monoxide.

SECTION V – HEALTH HAZARD DATA

General	<p>Composition B is a Division 1.1 explosive, and detonation may cause severe physical injury, including death. All explosives are dangerous and must be handled carefully and used following approved safety precautions under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations and ordinances.</p> <p>Composition B is toxic by ingestion. In chronic animal studies by ingestion the components of Composition B caused lung and GI tract congestion, anxiety psychoses, general nervous system diseases, abnormal reflexes, and death. It was not mutagenic in bacterial cell cultures.</p> <p>Reported human health effects include convulsions, insomnia, restlessness, and irritability. Seizures were followed by temporary amnesia, nausea and weakness. Immediately after convulsions, there was evidence of rapid pulse rate and hypertension. Recovery was eventually complete. The components of Composition B are not a human skin irritant and an epidemiology study did not identify any abnormalities attributed to the components of Composition B.</p> <p>Inhalation of explosive powders may cause nervous system irregularities including headaches and dizziness.</p>
Toxicity	Oral LD50: 100 grams/kg rats
Carcinogenicity	None of the components of Composition B are listed as a carcinogen by NTP, IARC or OSHA.
First Aid	<p>Inhalation – not a likely route of exposure. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Seek prompt medical attention.</p> <p>Eye and Skin Contact – Not a likely route of exposure. Flush eyes with water. Wash skin with soap and water.</p> <p>Ingestion – Not a likely route of exposure. Induce vomiting immediately by giving two glasses of water and sticking finger down throat.</p> <p>Injury from Detonation – Seek prompt medical attention.</p>
Special Precautions	<p>Ventilation – Use only with adequate ventilation.</p> <p>Respiratory – NIOSH approved particle masks for dust and mist.</p> <p>Eye – Safety glasses with sideshields or goggles.</p> <p>Gloves – impervious rubber gloves.</p> <p>Other – Cotton overalls, undergarments and socks. Conductive soled shoes.</p> <p>Keep away from heat, friction, impact. Do not consume food, drink or tobacco in areas where they may become contaminated with these materials.</p>
Storage Conditions	Store in accordance with the requirements of Subpart K, ATF: Explosive Law and Regulations (27 CFR 55.201-55.219).

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous – use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] May detonate – vacate area if materials are exposed to fire, [3] Strong shock or heat may detonate – use monitors from behind explosive resistant barriers, [2] Violent chemical change possible – use flow streams from distance, [1] Unstable if heated – use normal precautions, [0] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard
Health - [4] Life-threatening, major or permanent damage may result from single or repeated exposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or undergo other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react...non-explosives.

HMIS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Composition B** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Gösta Johansson on behalf of Rammo LZAB AB, Vingakeraverken, SM-642 R2 Vingaker, Sweden, the following items are classified in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907087	Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotel D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0392

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907088	Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907061	Octol D

Display Device : QPADEV02B5
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 9/26/11
11:41:17

Receipt into Stores Item Issue Units Displayed
Order No..... 11225
Advice note.. SHIPPER 3090 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 208946 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs

* Ref Lne	O/s	Qty	UoM	Order qty	Item	Supplier item ref
1	1	.000	LB	23206.000	00865	

Due 9/26/11 Composition B (Gov't)

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

PO 102903

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shipper No. PNEA025-1

Carrier No. 164493

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**
 TO: Consignee: **Austin Star Detonator CO.** Street: **1080 Military Turnpike**
 Street: **Highland Industrial Park** City, State, Zip Code: **Plattsburgh, NY 12901**
 City, State, Zip Code: **East Camden, AR** 24 hr. Emergency Contact Tel. No.: **800-424-9300 - Chemtrec / USA**

Route: **STOP 2** Vehicle Number: _____ Trailer Number: 50896 Seal Number: 4665167

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Proper Shipping Name or UN or NA Number, Packing Group or Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b bxs on 3 plts	X	<p>14AT37</p> <p>UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D EX- 9310161 Neq: 1,350 kgs</p> <p>7LC20</p> <p>POC - Roger or Monica 870-574-0580</p> <p>grn # 197861</p>	Gwt: 4,079 Gwt: 1,850	lbs kgs		

PLACARDS TENDERED: YES NO

Note - (1) Where the risk is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

24 Hr Number and ERAP

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following agreement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

[Signature] (Signature of Consignor)

C.O.D. FEE:
 PREPAID
 COLLECT \$ _____

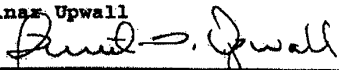
TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marks, weight, and destination as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, if it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bills of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: **Paramount Enterprises Int'l** CARRIER: **R & R Trucking**
 PER: *[Signature]* PER: _____
 DATE: _____

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials N-3475 SATRE Norge		Reference number(s)	
Consignee AUSTIN STAR DETONATOR COMPANY 901 CANTU ROAD BROWNSVILLE, TEXAS 78521 USA		Carrier <p style="text-align: center;">BZ-WS 822</p>	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. MV Hans Boye	Port of loading Emden	(Reserved for text, instructions or other matter)	
Port of discharge Grand Anse		(Reserved for text, instructions or other matter)	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C c.o)**, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.**	Gross mass (kg), net quantity/mass**	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box. (This column may be left empty apart from the heading, in which case insert appropriate description)
	UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted Imco-class: 1.1D EmS No.: F-B 3 P11/90 fibreboard boxes HMX Cl.5	1350 kg Net weight explosives 1350 kg 1850 kg	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.8.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Satre, 10.12.2010 Signature on behalf of shipper Knut Steinar Upwall 	

DGD / www.prolaris.com



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 1 (4)

HMX, Octogen

1. IDENTIFICATION OF THE SUBSTANCE / AND THE COMPANY

Product name : HMX, Octogen, all classes and types.
Chemical name : Cyclotetramethylene-tetranitramin
Producer/supplier : Chemring Nobel AS, High Energy Materials
Address : Engenevn.7, N-3475 Saetre, Norway.
Telephone -Telefax : +47 3227 8600 - +47 3227 8641

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name:	Formula:	CAS-No.:	Einecs No.	Contents:	Warning symbols:	R-phrases:
HMX	$C_4H_8O_8N_8$	2691-41-0	220-260-0	98-100 %	E Xn	2, 22, 52/53
RDX	$C_3H_6O_6N_6$	121-82-4	204-500-1	0-2 %	E T	2, 25, 52/53

Key to the symbols: T+: Very toxic, T: Toxic, C: Corrosive, Xn: Harmful, Xi: Irritant, E: Explosive,
O: Oxidising, F+: Extremely flammable, F: Highly flammable, N: Environmentally dangerous.

3. HAZARDS IDENTIFICATION

Health risk: Harmful

Fire and explosions hazards: Explosive
Risk of explosion by shock, friction, fire or other sources of ignition.



Environment: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

General:

Remove the patient from the source of exposure immediately. Normal first aid. Keep calm and warm in fresh air. If unconsciousness, loos tight-fitting clothes and place in a stable side lying position. If breathing has stopped, give artificial respiration aid and when no pulse, give hearth compression. SEEK MEDICAL ATTENTION.

Ingestion:

Conscious people: Induce vomiting (a finger in the throat or large quantities of milk).
Unconscious people: Immediately to the hospital.

Skin: Contaminated clothing to be removed. Wash with soap and water.

Eyes: Flush immediately with water for at least 15 minutes. Obtain medical aid if irritation persists.

Information to medical personnel:

The information regarding the toxicity of HMX is limited. Convulsions and loss of consciousness have been reported from exposure to RDX dust, but not from HMX.



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of Issue: 16.08.2007 DOC. No.: 103b Page 2 (4)

HMX, Octogen

5. FIRE-FIGHTING MEASURES

Fire in explosives:

- Do not attempt to extinguish the fire, as an explosion may occur.
- Immediate evacuate the area and contact the fire service.
- In case of fire and/or explosion, do not breath fumes.

6. ACCIDENTAL RELEASE MEASURED

Spill of the product must be removed with an aluminium- or wooden spade and stored in suitable containers. Rinse with water. Destruction by burning.

National regulations for handling explosives must be followed.

7. HANDLING AND STORAGE

Handling:

Risk of explosion by shock, friction, fire or other sources of ignition. Handle with care.

All handling as far as possible in protected systems. Keep containers well closed when not in use. Avoid breathing of dust or skin contact. Change HMX-contaminated clothes. Be careful with the personal hygiene.

Storage:

Stored in tight closed containers and only in places approved for explosives. Smoking and use of open fire near explosives is prohibited.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HTP values:	OSHA PEL	ACGIH TLV:	Other limits:
HMX : No data.			
RDX (skin):	1.5 mg/m ³	0.5 mg/m ³	STEL 3 mg/m ³

General equipment: Eye-flush possibility.

Breath protection: Use dust filter mask when risk of dust. Filter P2.

Eye protection: Use safety glasses when handling HMX.

Hand protection: Protective gloves shall be used.

Skin protection: Flame- and static protected clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Colour: White

Density:
Bulk density:

Ca. 1.9 g/cm³
Ca. 1.0 g/cm³



High Energy Materials

Date of issue: 16.08.2007 DOC. No.: 103b Page 3 (4)

MATERIAL SAFETY DATA SHEET

HMX, Octogen

Odour:	No odour	Decomposition temp.	Ca. 280°C
Melting point:	See decomp. temperature	Soluble in water:	No

10. STABILITY AND REACTIVITY

Impact, friction, electrostatic spark, open fire or other sources of ignition can lead to explosion. Burning of large amount can lead to explosion. Heating under confinement can lead to explosion.

11. TOXICOLOGICAL INFORMATION

HMX, oral mouse, LD₅₀ : 1500 mg/kg
HMX, oral rat, LD₅₀ : 6200 mg/kg

General: Human health effects have not been described. On the basis of the rat oral LD₅₀ HMX should be considered only slightly toxic to humans. It is assumed that HMX is less toxic than RDX, but may exhibit similar effects.

Inhalation: Slight irritation. By inhalation, HMX may be absorbed in the body.

Skin: Slight irritation. HMX may be absorbed through the skin.

Eyes: Slight irritation to eyes.

12. ECOLOGICAL INFORMATION

No test data on HMX, data on the similar compound RDX, is therefore given:

Microtox (mg/l, LC ₅₀)/mg/l, EC ₅₀	65 mg/l, EC ₅₀
Mobility	-
Degradation	BOD ₇ : 0.02g/g, COD: 0.35 g/g, BOD ₇ /COD: 0.057
Bioaccumulation	Log Pow = 1.62.
Toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Explosion risk. Small quantities of HMX may be destructed by burning.

National regulations for handling explosives must be followed.



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 4 (4)

HMX, Octogen

14. TRANSPORT CONSIDERATIONS

General:

The packing (cardboardbox/drum) is signed with explosion label tradename, UN-number, lot and chargenumber, production month/year, net- and grossweight and transport class. The cardboardbox/drum is type proved according to UN Transport of Dangerous Goods.
UN No.: 0226

Transport Classification code:
Land (ADR/RID) : 1.1D
Sea (IMDG) : 1.1D
Air (ICAO/LATA): Not allowed

Packing regulations
P112(a) PP45 MP20

15. REGULATORY INFORMATION

Classification:
Harmful, Explosive, Environmentally dangerous

Possible symbols on user packings
(not mandatory on explosives)



Label on transport packing:
Diamond label, Explosive class 1. (RID 1+15)

Risk phrases:

R-2 Risk of explosion by shock, friction, fire or other sources of ignition.
R-22 Harmful if swallowed.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

S-22 Do not breathe dust.
S-35 This material and its container must be disposed of in a safe way.

16. OTHER INFORMATION

Prepared by: Richard Gjersøe

Superseding safety data sheet dated: 22.05.07. Revisions are marked in right margin.

References:

Sax & Lewis, Dangerous Properties of Industrial Materials, Seventh Edition, Volume II.

G. Reddy*, J.A. Cuthbert, K.J. D'Arcy-Burt, S.M.A. Carr and A.B. Wilson *U.S. Army Biomedical Research and Development, Fort Detrick, Frederick, Maryland 21701, and Inveresk Research International Ltd., Musselburgh, Scotland, "Determination of acute mammalian toxicity of HMX (octahydro-1, 3, 5, 7-teranitro-1, 3, 5, 7-tetrazocine)".

Users notes:



U.S. Department of Transportation
Research and Special Programs Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by H. Theigen on behalf of Dyno Industrier A.S., N-3475, Saetre, Norway, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (EMX; Octogen), desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310162	FBXN - 3
✓ EX-9310163	FBXN - 5

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (EMX; Octogen), wetted, UN0226

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310161	EMX, Vannfuktet

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

PU 89654

W/O #123164

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3328SL

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Star

FROM:
Shipper: Paramount Enterprises Int'l

Street: 1080 Military Turnpike

Street: Highland Industrial Park

City, State, Zip Code: Plattsburgh, NY 12901

City, State, Zip Code: East Camden, AR

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)

Route:

FINAL

Vehicle Number: _____

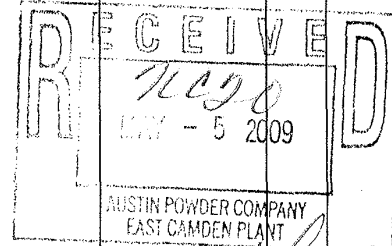
Trailer Number: _____

Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
307 f/b bxs on 13 plts	X	#12068 UN0483, Hexogen, RDX, desensitized, 1.1D, PG II EX- 9603032 Neq: 6,962.76 kgs	Gwt: 16,753 Gwt: 7,599	lbs kgs		
5 f/b bxs	X	#00384 UN0226, Octogen, HMX, wetted, 1.1D, PG II EX- 9407288 Neq: 100 kgs	Gwt: 271 Gwt: 123	lbs kgs		

POC Roger or Monica
870-574-0580

Even Weaver



Monica Kelly

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Monica Kelly Signature

24 Hr Number and ERAP

COD Amt: \$ _____

C.O.D. FEE
PREPAID
COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collect
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and dated as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier or all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l

CARRIER: R & R Trucking

PER: _____

Monica Kelly

PER: _____

DATE: _____

DANGEROUS GOODS DECLARATION

Shipper EURENCO Bofors AB SE-691 86 KARLSKOGA Sweden		Booking reference No Shipment reference No 20090245
Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD 78520 BROWNSVILLE, TX USA Notify party		Emergency Telephone No. +46 586 830 50 Carrier SCANDINAVIAN SEALIFT BOX 1238 701 12 ÖREBRO
Domestic carriage by Precarriage by LORRY Vessel VESSEL Port of discharge HALIFAX	From Place of acceptance KARLSKOGA Port of loading SWEDISH PORT Place of delivery BROWNSVILLE, TX	Shipment approved by (name of line or agent) Signature of authorized person Stowage Arrangement
Marks & Nos. If applicable, identification or registration number(s) of the unit A) ADDRESS S3515 (2006) PO DO14857 EX 9603032 LOT 20092054		
Number and type of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in C c.c)***, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No.. UN 0483, HEXOGEN, DESENSITIZED, CLASS 1.1D EmS No: F-B,S-Y 307 FIBREBOARD BOXES ON 13 PALLETS		
		Net weight, kg 6962.760 Gross weight, kg 7599.460

Container Packing Certificate/Vehicle Declaration DECLARATION I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING. Date and signature by packer:		* Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in 5.4 of the General Introduction to the IMDG Code. *** When required.
Goods delivered as <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulk packages	Type of unit (container, trailer, tank vehicle, etc) 20' CONTAINER <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	
Documents required when applicable <input type="checkbox"/> Transport emergency instructions <input checked="" type="checkbox"/> Container/Vehicle packing certificate / Vehicle declaration <input type="checkbox"/> Additional information on Radioactive substances <input type="checkbox"/> Weathering certificate, etc		

DECLARATION

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Place and date of issue
 KARLSKOGA 2009-04-16
 Signature on behalf of shipper
 Marie-Louise Hedlund
M. L. Hedlund

DANGEROUS GOODS DECLARATION

Shipper EURENCO Bofors AB SE-691 86 KARLSKOGA Sweden		Booking reference No Shipment reference No 20090237
Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD 78520 BROWNSVILLE, TX USA Notify party		Emergency Telephone No. +46 586 830 50 Carrier SCANDINAVIAN SEALIFT BOX 1238 701 12 ÖREBRO
Domestic carriage by Precarriage by LORRY Vessel VESSEL Port of discharge HALIFAX	From Place of acceptance KARLSKOGA Port of loading SWEDISH PORT Place of delivery BROWNSVILLE, TX	Shipment approved by (name of line or agent) Signature of authorized person Stowage Arrangement
Marks & Nos. If applicable, identification or registration number(s) of the unit A) AUSTIN S3514 (2007) PO DO14857 EX 9407288 LOT 20093404		
Number and type of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in C.c.c)**, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No.. UN 0226, OCTOGEN, WETTED, CLASS 1.1D EmS No: F-B, S-Y 5 FIBREBOARD BOXES		
		Net weight, kg 100.000 Gross weight, kg 123.150

Container Packing Certificate/Vehicle Declaration DECLARATION I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING. Date and signature by packer:		* Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in 5.4 of the General Introduction to the IMDG Code. *** When required.
Goods delivered as <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulk packages	Type of unit (container, trailer, tank vehicle, etc) 20' CONTAINER <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed	
Documents required when applicable <input type="checkbox"/> Transport emergency instructions <input checked="" type="checkbox"/> Container/Vehicle packing certificate Vehicle declaration <input type="checkbox"/> Additional Information on Radioactive substances <input type="checkbox"/> Weathering certificate, etc		

EdiCom

DECLARATION

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Place and date of issue
 KARLSKOGA 2009-04-16
 Signature on behalf of shipper
 Marie-Louise Hedlund

M-L Hedlund

Display Device : QPADEV0177
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 5/13/09
11:01:53

Receipt into Stores Item Issue Units Displayed
Order No..... P089654
Advice note.. R&R DT3328SL Order Class. 1 Stock Order-Tax Exempt
GRN No.. 173629 Stockroom... EC East Camden, AR
AUSTIN STAR DETONATOR INC
1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs
* Ref Lne O/s Qty UoM Order qty Item Supplier item ref
1 1 220.000 LB 220.000 00384
Due 5/12/09 Octogen - Cap Grade
2 3 15350.000 LB 15350.000 12068
Due 5/12/09 RDX - Cap Grade

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GABT012-2

Carrier No. _____

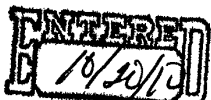
Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

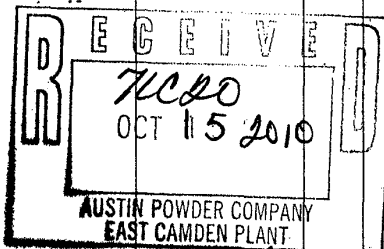
TO:
 Consignee: **Austin Star Detonator CO.**
 Street: **Highland Industrial Park**
 City, State, Zip Code: **East Camden, AR**



FROM: Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
 24 hr. Emergency Contact Tel. No.: **800-424-9300 - Chemtrec / USA**

Route: **STOP # 2** Vehicle Number: _____ Trailer Number: _____ Seal Number: **001879**

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
67 f/b bxs on 3 plts	X	<p>P100982</p> <p>UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D # 10679 EX- 9310161 Netq: 1,005 kgs 30lbs/case 2216 lbs</p> <p><i>Qm # 194304</i></p> <p>POC - Roger or Monica 870-574-0580</p>	<p>Gwt: 3,086 lbs Gwt: 1,400 kgs</p>			



Monica Kelly
Monica Kelly

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

<p>Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ of _____".</p> <p>(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.</p> <p>(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</p>	<p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p><i>Ch P Selge</i> Signature</p>	<p>COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$</p>
	<p>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</p> <p>(Signature of Consignor)</p>	<p>TOTAL CHARGES \$</p> <p>FREIGHT CHARGES: FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></p>

RECEIVED, subject to the classification and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout the contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

SHIPPER: Paramount Enterprises Int'l	CARRIER: R & R Trucking
PER: <i>Ch P Selge</i>	PER: _____
	DATE: _____

DANGEROUS GOODS DECLARATION

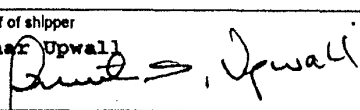
Shipper Chemring Nobel AS High Energy Materials N-3475 SETRE Norge		Reference number(s)	
Consignee AUSTIN STAR DETONATOR COMPANY 901 CANTU ROAD BROWNSVILLE, TEXAS 78521 USA		Carrier <p style="text-align: center; margin-top: 20px;">DBB-114</p>	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. MV Hans Boye	Port of loading Varberg	(Reserved for text, instructions or other matter)	
Port of discharge Grande Anse, QC			
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C c.c)**, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted Imco-class:1.1D Ems No.:F-B 3 P11/67 fibreboard boxes HMC cl.5	Gross mass (kg), net quantity/mass** 1005 kg Net weight explosives 1005 kg 1400 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Setre, 24.09.2010 Signature on behalf of shipper Knut Steinar Opwall	

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials N-3475 SETRE Norge	Reference number(s) 		
Consignee AUSTIN STAR DETONATOR COMPANY 901 CANTU ROAD BROWNSVILLE, TEXAS 78521 USA	Carrier <p style="text-align: center;">DEB-114</p>		
Container packing certificate/vehicle declaration			
Name/status, company/organization of signatory 			
Place and date 			
Signature on behalf of packer 			
TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES			
Ship's name and voyage No. MV Hans Boye	Port of loading Varberg	(Reserved for text, instructions or other matter)	
Port of discharge Grande Anse, QC			
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C c.c)**, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted Imco-class:1.1D Ems No.:F-B 3 P11/67 fibreboard boxes HMC c1.5	Gross mass (kg). net quantity/mass** 1005 kg Net weight explosives 1005 kg 1400 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
<p style="font-size: small;">*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required</p>			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/picarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Setre, 24.09.2010 Signature on behalf of shipper Knut Steinar Opwall	

DGD / www.proteris.com

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials N-3475 SETRE Norge	Reference number(s)		
Consignee AUSTIN STAR DETONATOR COMPANY 901 CANTU ROAD BROWNSVILLE, TEXAS 78521 USA	Carrier <p style="text-align: center; margin-top: 20px;">DBB-114</p>		
Container packing certificate/vehicle declaration			
Name/status, company/organization of signatory			
Place and date			
Signature on behalf of packer			
DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. <p style="text-align: center;">TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</p>			
Ship's name and voyage No. MV Hans Boye	Port of loading Varberg	(Reserved for text, instructions or other matter)	
Port of discharge Grande Anse, QC			
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C.c.c)**, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.*** UN 0226 Cyclotetramethylenetetranitramine (EMX), Wetted Imco-class: 1.1D EmS No.: F-B 3 P11/67 fibreboard boxes HMC cl.5	Gross mass (kg), net quantity/mass** 1005 kg Net weight explosives 1005 kg 1400 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
<p style="font-size: small;">*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required</p>			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.8.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Setre, 24.09.2010 Signature on behalf of shipper 	

DGD / www.proterfa.com

Display Device : QPADEV01WL
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 10/20/10
15:40:50

Receipt into Stores Item Issue Units Displayed

Order No..... P100982
Advice note.. GABT012-2 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 194304 Stockroom... EC East Camden, AR

AUSTIN STAR DETONATOR INC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs

* Ref Lne	O/s Qty	UoM	Order qty	Item	Supplier item ref
1 1	2216.000	LB	2216.000	10679	

Due 10/20/10 HMX (ASD)

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

00000003
098920

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3562SL

Carrier No. 153193

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises Int'l

TO: Consignee: Austin Star Detonator

Street: 1080 Military Turnpike

Street: Highland Industrial Park

City, State, Zip Code: Plattsburgh, NY 12901

City, State, Zip Code: East Camden, AR

24 hr. Emergency Contact Tel. No.: 800-424-9300 - Chemtrec / USA

Route: **STOP 1** Vehicle Number: _____ Trailer Number: 7810M6 Seal Number: 4665104

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
48 f/b bxs on 2 plts	X	UN0150, PETN, Wetted, 1.1D, PG II EX- 2003090154 Neq: 1,088.64 kgs 2400 lbs POC Roger or Monica 870-574-0580 <i>Monica Kelly</i> <i>Monica Kelly</i>	Gwt: 3,417 Gwt: 1,550	lbs kgs		



QW # 190457

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.

(3) Commodities requiring special or additional care or attention in handling or slowing initial be so marked and packaged as to ensure safe transportation. See Section 2(a) of item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Selge Signature

24 Hr Number and ERAP

COD Amt: \$ _____

COD FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID (checked when box at right is checked) Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agree to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification as the rate of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l

PER: *Ch P Selge*

CARRIER: R & R Trucking

PER: _____

DATE: _____

Display Device : QPADEV01WC
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 7/30/10
15:42:45

Receipt into Stores Item Issue Units Displayed
Order No..... P098920
Advice note.. R&R 7810146 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 190457 Stockroom... EC East Camden, AR
AUSTIN STAR DETONATOR INC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs
* Ref Lne O/s Qty UoM Order qty Item Supplier item ref
1 1 .000 LB 2400.000 07177
Due 7/30/10 PETN - Bofors Sweden

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

DO-8920
PETN-07/177

900 # 190 457
30/10

The goods and instruction are accepted and dealt with subject to the Standard Conditions printed overleaf.

Shipper
EURENCO BOFORS AB

SE-691 86 KARLSKOGA
SWEDEN

CBL
Combined Transport
BILL OF LADING

CBL No./Ref. No.
03 007543

Consigned to order of
AUSTIN STAR DETONATOR
901 CANTU ROAD
BROWNSVILLE, TEXAS 78520
USA

Notify address

Sealift

Scandinavian Sealift AB
P.O. Box 1238 * SE-701 12 Örebro * Sweden
Phone +46-19 174 640 * Telefax +46-19 174 649

Pre-carrier TRUCK	Place of Receipt USA
Ocean Vessel DRESDEN EXPRESS	Port of Loading ROTTERDAM/NL
Port of Discharge HALIFAX/NS	Place of Delivery BROWNSVILLE/TX

Marks and numbers	Number and kind of packages: Description of goods	Gross weight	Measurement
FULLY ADDR P.O # DO 16579 NSP214 LOT 20102127 EX-2003090154	2 PLT S.T.C. 48 F/B BOXES UN 0150, PETN, WETTED, CLASS 1.1D, EMS: F-B S-Y N.E.Q.: 1088,64 KGS <i>2400 lbs</i>	1550	

LOADED IN
CONTAINER #
CPSU 181607-5

FREIGHT PREPAID
and not to be refunded ship
and/or cargo lost or not lost.

According to the declaration of the merchant.
Cargo insurance not covered through the undersigned.

Shipper's Declared Value: \$
If Shipper enters a value, Carrier's \$500./package limitation pursuant to §4 (5) of US COGSA 1936 does not apply, and an Ad Valorem rate will be charged.

Freight amount

Received for shipment at the port of place first mentioned above including if hereby applicable pre-carriage to the sea terminal at the port of loading of the overseas vessel the above mentioned goods in apparent good order and condition unless otherwise stated and to be carried to and delivered at the sea terminal at the port of discharge of the overseas vessel or if so provided for at the final destination named above.
Weight, measure, marks, numbers, quality, contents and value as declared by the Shipper but unknown by the Carrier.
In accepting this Bill of Lading the Merchant expressly accepts and agrees to all its stipulations, exceptions and conditions, on both pages, whether written, printed, stamped or otherwise incorporated as fully as if they were all signed by the Merchant.
One of the Bills of Lading must be surrendered duly endorsed in exchange for the goods or delivery order.
In WITNESS whereof 3 original Bills of Lading all of this tenor and date have been signed in the number stated above, one of which being accomplished the other(s) to be void.

For delivery of goods please apply to:
PARAMOUNT ENTERPRISES

Freight payable at
OREBRO/SE
Number of Original CBL's

Place and date of issue
OREBRO/SE 2010-07-12
Signed for the Carrier

COPY
NOT NEGOTIABLE

EURENCO Bofors AB

SE - 691 86 Karlskoga
Sweden
Tel.: +46 586 830 50
Fax: +46 586 833 10
www.eurenco.com



Vårt datum / Our date
July 6, 2010

Vår referens / Our reference
Birgitta Karlsson, phone +46-586-833 60

Austin Star Detonator
901 Cantu Road
Brownsville, TX 78520
United States

PACKING LIST

Consignee: Austin Star Detonator
901 Cantu Road
Brownsville, TX 78520
United States

Buyer's ref.: Sylvia Galvan

P.O. DO16579

Vessel: Dresden Express, Loading Karlskoga 07/09/10,
ETD Rotterdam 07/14/10, ETA Halifax 07/20/10)

<u>Description</u>	<u>Lot No.</u>	<u>No packages</u>	<u>Net weight kg/lbs</u>	<u>Our ref.</u>
PETN NSP214	20102127	48	1,088.64/2,400	S3927

Please send this document to birgitta.karlsson@eurenco.com or fax to +46-586-83948.

ACKNOWLEDGEMENT OF RECEIPT

We confirm receipt of above products.

.....
Date

.....
Signature/Name in block letters

.....
Date of receipt

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB		2 Transport document number		
SE-691 86 KARLSKOGA Sweden		3 Page 1 of 1 pages	4 Shipper's reference 20100519	
		5 Freight Forwarder's reference		
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT		
78520 BROWNSVILLE, TX USA Notify party		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.		
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)		
10 Vessel/flight No. and date DRESDEN EXPRESS		11 Port/place of loading ROTTERDAM/NL		
12 Port/place of discharge HALIFAX/NS		13 Destination BROWNSVILLE, TX		
		Emergency Telephone No. +46 586 830 50		
14 Shipping Marks CONSIGNEE S3927(3042) PO DO 16579 NSP214, LOT 20102127 EX-2003090154		* Number and kind of packages; description of goods UN 0150, PETN, WETTED, CLASS 1.1D EmS: F-B, S-Y (B1000C) 48 FIBREBOARD BOXES ON 2 PALLETS NEQ: 1,088.64 KGS		Gross Mass (kg) 1550.320 Net Mass (kg) 1088.640 Cube (m³)
15 Container identification No./ vehicle registration No.	16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg)	19 Total Gross mass (including tare) (kg)
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon; RECEIVING ORGANIZATION REMARKS:		
20 Name of company EURENCO BOFORS AB Name/Status of declarant /LOADER Place and date KARLSKOGA 2010-07-06 Signature of declarant		Hautier's name Vehicle reg no. Signature and date DRIVER'S SIGNATURE		22 Name of company (OF SHIPPER PREPARING THIS NOTE) EURENCO Bofors AB Name/Status of declarant Birgitta Karlsson, Logistic Adm. Place and date KARLSKOGA 2010-07-06 Signature of declarant

* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2.



Custom Pro Forma Invoice

EURENCO Bofors

Order Date 2010-06-11
Order Number S3927

Purchase Order Number DO16579

Shipment ID 3042

Our Reference Birgitta Karlsson

Tax Identity

Customer Number US56

Your Reference SYLVIA GALVAN

Delivery Address
AUSTIN STAR DETONATOR
901 CANTU ROAD
BROWNSVILLE TEXAS 78520
UNITED STATES

Invoice Address
AUSTIN STAR DETONATOR
901 CANTU ROAD
BROWNSVILLE TEXAS 78520
USA

Consignee Address
AUSTIN STAR DETONATOR
901 CANTU ROAD
BROWNSVILLE TEXAS 78520
USA

Shipment Information:
No of Pallets 2
No of Package Units 48
Total Net Weight 1088.64
Total Gross Weight 1550.32
Lot Batch Nos 20102127

Ship Via
VESSEL
Forward Agent

Terms of Delivery
CIP US BORDER INCOTERMS 2000
Wanted Delivery Date
2010-07-09

Label Note

Terms of Payment
30 Days after Customers receipt of goods

Pos	Part No Description	Sales Quantity Price Quantity	Unit Unit	Price	Net Amount USD
1	4294 PETN NSP214	1 088,64	kg	11,86	12 911,27
Country Of Origin: Sweden, HS No: 29209010 CE marking: PVT 101/03, UN No 0150, Class 1.1D, EX-2003090154 STATED "PLANNED DELIVERY DATE" IS SUBJECT TO VESSEL AVAILABILITY.					

Sub Total Amount	12 911,27
Total Exclusive Tax	12 911,27
Tax	0,00
Invoice Amount to Pay	12 911,27

Visit Address	Invoice Address	Phone	Fax	Bank Giro	Postal Giro	Tax Number
EURENCO Bofors AB Björkbo SE-691 86 Karlskoga Sweden	EURENCO Bofors AB SE-691 86 Karlskoga Sweden	+46 586-830 50	+46 586-833 10			SE56287937201 Org.nr/Org.no 56287-9372 F-skattobeviss finns

410148172-3781

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

0897203

Shipper No. GABT014-1

Carrier No. _____

Page 1 of 1

R & R TRUCKING

(Name of carrier)

Date _____

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Star Detonator CO.

Street: 6700 Chemin de La Grand Anse

Street: Highland Industrial Park

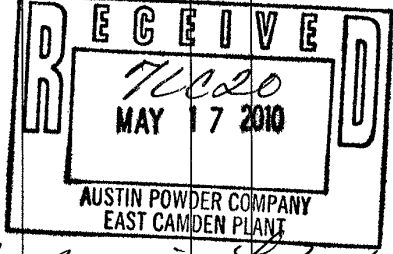
City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR

24 hr. Emergency Contact Tel. No.: 800-424-9300 - Chemtrec / USA

Route: **STOP # 1** Vehicle Number: _____ Trailer Number: _____ Seal Number: **001854**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
67 f/b bxs on 3 plts	X	<p>"10679"</p> <p>UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D #10679 EX- 9310161 Netq: 1,005 kgs</p> <p>2216 lbs</p> <p>POC - Roger or Monica 870-574-0580</p>	Gwt: 3,086 Gwt: 1,400	lbs kgs		



ENTERED
5/18/10
Mick

Monica Kelly
05/17/10

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

 (Signature of Consignor)

COD FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l

CARRIER: R & R Trucking

BY: *[Signature]*

PER: _____

DATE: _____

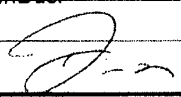
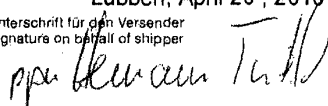
BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börnichsen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
Schiffname und Nummer der Reise Ship's name and voyage No.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi	
Ladehafen Port of loading Papenburg		Ort und Datum Place and date Lübben, April 20, 2010	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer 	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * Hexotonal	
Anzahl und Verp.-Art No. and kind of packages 61 pallets = 732 fibre cartons		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0393	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse: Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 17.718 kgs Net explosive mass: 15.888 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Utilized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexotonal_ExploUSA_271109.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, April 20, 2010 Unterschrift für den Versender Signature on behalf of shipper 	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47



Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF JSSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	RDX
% by Weight	30-50%
Chemical Family	Organic Nitro Compound
CHEMICAL NAME:	2,4,6-TRINITROTOLUENE
COMMON NAME:	TNT
CHEMICAL FAMILY:	Organic Nitro Compound
CAS NO.: % BY	118-96-7
WEIGHT:	40-50%
CHEMICAL NAME	ALUMINUM
% By Weight	10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:	176° F	DENSITY:	1.66 g/cm ³
VAPOR PRESSURE %		0.057 Mpa, 178° F	
VOLATILE, BY VOL:		N/A	

EXPLO

SYSTEMS, INC.

Page 2

VAPOR DENSITY: N/A
 EVAPORATION RATE: N/A
 SOLUBILITY IN WATER: Insoluble
 APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
 EXTINGUISHING MEDIA: None
 SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present isolate area and evacuate personnel to a safe place.
 STABILITY: Stable
 UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
 INCOMPATIBILITY: No Data Applicable
 AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
 EYES: SKIN: Slightly Irritating Slightly
 INHALATION: Irritating TNT Is Toxic by
 INGESTION: Inhalation. TNT is Toxic by
 Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
 SKIN: Wash with soap and water
 INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
 INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2005060122

PRODUCT DESIGNATION/PART NUMBER
ISL-Torpex (Hexotonal)

NOTES:
None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

P11021

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

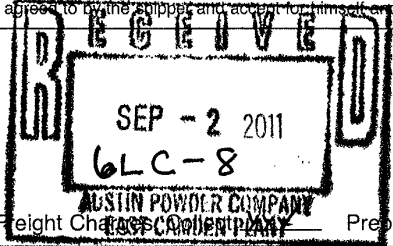
Shipper's No. 3087

Shipping Date 9-2-11

Purchase Order No. _____

Location No. _____

By FLEENER Freight Charges CONFIDENTIAL Prepaid _____



Consigned to Austin Powder Co. (Mail or Street Address of Consignee - For purposes of notification only)

Destination 7LC-10 BIANCHY RD State _____ Fed Lic. 4-DH-163-20-22-00074 Exp. Date 31/12

County EAST CAMDEN AR 71701 State Lic. _____ Exp. Date _____

Route 870-574-0530 Customer No. _____

Charge Account of AMM: YHONIA Customer P.O. No. 11021 Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
64893	18PT	UN0393, HENOXOLAL, 1.1B P&H			#112			Explosives 1.1
		SEE PACKING LIST - (06/13)						
								Truck No. 1600
								Trailer No. 480509
								Mileage
		grn# 207975						Total 18 PT @ 1367X @ 50 LB EA
								Gross Weight # 36,000
		Seal # 2357360 / 2357361						Net Explosive Weight 32,400
		On vacation, Product did not get rec'd in until 9/07/11						

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 CCN644589

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By: [Signature] Date 09/02/11

By [Signature] Date 9-2-11

Per _____

DOT Hazardous Material Handling Number _____

Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

AUTHORIZED RECEIVER

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
3087

SECTION I - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	Fleenor Brothers	
3. DATE/TIME OF INSPECTION	9-2-11	
4. LOCATION OF INSPECTION	EXPLo Systems Inc.	
5. OPERATOR(S) NAME(S)	William Griffin	
6. OPERATOR(S) LICENSE NUMBER(S)	915212217 AR	
7. MEDICAL EXAMINER'S CERTIFICATE*	9-29-12	
8. (X if satisfactory at origin)		
a. MILITARY HAZMAT ENDORSEMENT	b. ERG OR EQUIVALENT COMMERCIAL: YES NO	9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT* YES NO
b. VALID LEASE*	a. DRIVER'S VEHICLE INSPECTION REPORT*	a. TRUCK/TRACTOR
c. ROUTE PLAN	f. COPY OF 49 CFR PART 397	b. TRAILER

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) Tractor Trailer	11. VEHICLE NUMBER(S) Tractor # 1600 / Trailer # 480509				
12. PART INSPECTED (X as applicable)	ORIGIN (1) SAT UNSAT	DESTINATION (2) SAT UNSAT	ORIGIN (1) SAT UNSAT	DESTINATION (2) SAT UNSAT	COMMENTS (3)
a. SPARE ELECTRICAL FUSES	/				x. EXHAUST SYSTEM
b. HORN OPERATIVE	/				y. BRAKE SYSTEM*
c. STEERING SYSTEM	/				z. SUSPENSION
d. WINDSHIELD WIPERS	/				aa. COUPLING DEVICES
e. MIRRORS	/				ab. CARGO SPACE
f. WARNING EQUIPMENT	/				ac. LANDING GEAR*
g. FIRE EXTINGUISHER*	/				ad. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING	/				ae. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS	/				af. TARPULIN
j. FUEL SYSTEM*	/				ag. OTHER (Specify)
13. INSPECTION RESULTS (X one) ACCEPTED <input checked="" type="checkbox"/> REJECTED <input type="checkbox"/>					
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)					
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED <input checked="" type="checkbox"/> REJECTED <input type="checkbox"/>					
15. REMARKS					

16. INSPECTOR SIGNATURE (Origin)
David Bogan

17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1) SAT UNSAT	DESTINATION (2) SAT UNSAT	COMMENTS (3)
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	/		
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT	/		
21. PROPER PLACARDS APPLIED	/		
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS	/		
23. COPY OF DD FORM 626 FOR DRIVER	/		
24. SHIPPED UNDER DOT SPECIAL PERMIT 868	/		
25. INSPECTOR SIGNATURE (Origin) <i>David Bogan</i>	26. DRIVER(S) SIGNATURE (Origin) <i>William E Griffin</i>		
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)		

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 2 SEPTEMBER 2011

B/L# 3087

H-6

01SP11E3 5400 LBS 3 PTS

01SP11E4 3600 LBS 2 PTS

31AG11E3 3600 LBS 2 PTS

30AG11E4 5400 LBS 3 PTS

30AG11E2 3600 LBS 2 PTS

30AG11E1 3600 LBS 2 PTS

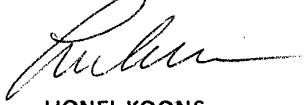
29AG11E2 1800 LBS 1 PT

29AG11E4 1800 LBS 1PT

23AG11E3 3600 LBS 2 PTS

18PTS WITH 36 BOXES @50 LBS PER BOX= 32,400 LBS

TOTAL 32,400 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

IN BOUND TRUCKS

ARRIVE TIME:

ARRIVE DATE: 9-2-11



DELIVERING: H-6

PUT it IN

~~XXXXXXXXXX~~
6LC08

PICKING UP:

BILL TO:

Display Device : QPADEV02C2
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 9/07/11
9:00:18

Receipt into Stores Item Issue Units Displayed
Order No..... 11021
Advice note.. FLEENOR BRO 3087 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 207975 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Blanket Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
4 36000.000 LB 108000.000 12965
Due 4/27/11 Hexotonal (Torpex)
13 32400.000 LB 32400.000 06113
Due 9/02/11 Comp.H-6 (Gov't)

Lne.. 13 Qty.. 32400.000 UoM..?. LB
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3062

Shipping Date 6-28-11

At _____ Purchase Order No. _____

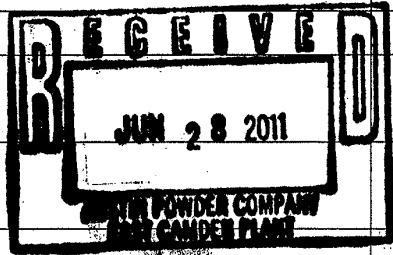
By R & R Freight Charges: Collect XXV Prepaid _____ Location No. _____

p11021

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Austin Powder Co. Fed Lic. 4-04-163-20 Exp. Date 20-00074
 Destination 7LC-10 Blandy Rd. State _____ State Lic. _____ Exp. Date 3-1-12
 County East Camden, AR Customer No. _____
 Route 71701 Charge Account of 870-574-0580 Customer P.O. No. 11021 Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>720</u>	<u>20PT</u>	<u>UND 393, Hexagonal 110 PGH</u>			<u>#112</u>	<u>9907060</u>		<u>F 47 5105 1.1</u>
		<u>Date Collected</u>						
		<u>See Marking List</u>						
								Truck No. <u>5665</u>
								Trailer No. <u>49618</u>
								Mileage
								Total <u>20 PT's w/36 Br's</u>
								Packages <u>1050 lbs Each</u>
								Gross
								Weight # <u>38,000</u>
								Net Explosive Weight <u>36,000</u>
		<u>Seal #'s</u>						
		<u>2357470 / 2357471</u>						



6LC-33

grn # 204695

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature David Boyan Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 CCN644589

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By Will L. ... Date 6-28-11
 CONSIGNEE CARRIER
 By Erin ... Date _____
 AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. **1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER**
3062

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION: **R+R**

3. DATE/TIME OF INSPECTION: **6-28-11**

4. LOCATION OF INSPECTION: **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S): **William Young**

6. OPERATOR(S) LICENSE NUMBER(S): **FS37584 West Virginia**

7. MEDICAL EXAMINER'S CERTIFICATE: **10-5-11**

B. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT: **d. ERG OR EQUIVALENT COMMERCIAL:** YES NO

b. VALID LEASE: **e. DRIVER'S VEHICLE INSPECTION REPORT:** **9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT:** YES NO

c. ROUTE PLAN: **f. COPY OF 49 CFR PART 387:** **a. TRUCK/TRACTOR:** **b. TRAILER:**

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S): **Tractor Trailer** **11. VEHICLE NUMBER(S):** **Tractor # 5665 / Trailer # 48618**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		DEFICIENCIES	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT		SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES	/	/			k. EXHAUST SYSTEM	/	/			
b. HORN OPERATIVE	/	/			l. BRAKE SYSTEM*	/	/			
c. STEERING SYSTEM	/	/			m. SUSPENSION	/	/			
d. WINDSHIELD/WIPERS	/	/			n. COUPLING DEVICES	/	/			
e. MIRRORS	/	/			o. CARGO SPACE	/	/			
f. WARNING EQUIPMENT	/	/			p. LANDING GEAR*	/	/			
g. FIRE EXTINGUISHER*	/	/			q. TIRES, WHEELS, RIMS	/	/			
h. ELECTRICAL WIRING	/	/			r. TAILGATE/DOORS*	/	/			
i. LIGHTS AND REFLECTORS	/	/			s. TARPULIN*	N/A	N/A			
j. FUEL SYSTEM	/	/			t. OTHER (Specify)	N/A	N/A			

13. INSPECTION RESULTS (X one) ACCEPTED **REJECTED**
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED **REJECTED**

15. REMARKS

16. INSPECTOR SIGNATURE (Origin): *David Bogan* **17. INSPECTOR SIGNATURE (Destination):**

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	/	/			
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT	/	/			
21. PROPER PLACARDS APPLIED	/	/			
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS	/	/			
23. COPY OF DD FORM 628 FOR DRIVER	/	/			
24. SHIPPED UNDER DOT SPECIAL PERMIT 868	/	/			

25. INSPECTOR SIGNATURE (Origin): *David Bogan* **26. DRIVER(S) SIGNATURE (Origin):** *William Young*

27. INSPECTOR SIGNATURE (Destination): *William Young* **28. DRIVER(S) SIGNATURE (Destination):** *William Young*



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

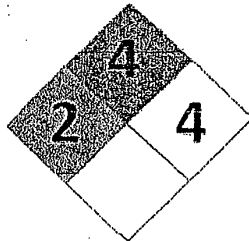
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMS LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with water.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

Protective Clothing - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. Fire... If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions... include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire... use plenty of water... FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] Unstable - reacts violently with water, [3] Unstable - reacts with water, [2] Stable - reacts with water, [1] Stable - reacts with water, [0] Stable - does not react with water

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C). [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be

preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Material may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo spontaneous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

HMSI Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of Hexotonal (H6) and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Gösta Johansson on behalf of Rammo LTAB AB, Vingakeravägen, SE-642 92 Vingaker, Sweden, the following items are classed in accordance with Section 173.55, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907087	Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotol D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0892

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907080	Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907061	Octol D

STRAIGHT BILL OF LADING

173447

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. **3038**

At **P11021**

Shipping Date **5-4-11**

By **NEI/12/R** Freight Charges: Collect **XXX** Prepaid _____ Purchase Order No. _____

Location No. _____

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to **AUSTIN POWDER CO.** Fed Lic. **4-DH-163-20-22-00074** Exp. Date **3/1/12**

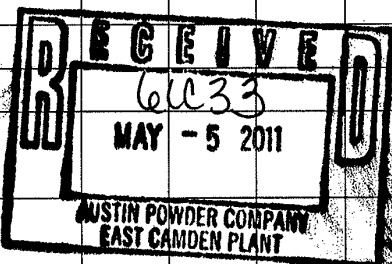
Destination **7-LC-10 Blandy Rd** State: _____ State Lic. _____ Exp. Date _____

County **EAST CAMDEN, ARK** 71201 Customer No. _____

Route _____

Charge Account of **870-574-8580** Customer P.O. No. **11021** Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
2000	2000	UNIDENTIFIED 115 RB.T			42			
		with case						
		H-6						
								Truck No. 2150
								Trailer No. 2740
								Mileage
								Total 2000 Packages
								Gross Weight # 38,000
								Net Explosive Weight 36,000



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 **CCN 644569**

Permanent Address of Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, Louisiana 71055
 (8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per **Monica Kelly** 05/05/11 Received By **Sara Hyman** Date **5-4-11**
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
 By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 4 MAY 2011

B/L# 3038 TRAILER^{R.B.} 3740

H-6

DATE CODES

03MA11E1 3600 LBS 2PT

02MA11E2 3600 LBS 2PT

28AP11E1 1800 LBS 1PT

28AP11E2 1800 LBS 1PT

27AP11E2 3600 LBS 2PT

27AP11E1 3600 LBS 2PT

26AP11E1 5400 LBS 3PT

26AP11E2 1800 LBS 1PT

25AP11E2 3600 LBS 2 PT

15AP11E2 3600 LBS 2 PT

16AP11E1 1800 LBS 1 PT

30AP11E1 1800 LBS 1 PT

20PT WITH 36 BOXES @50 LBS PER BOX=36,000 LBS



LIONEL KOONS

EXPLO SYSTEMS INC



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

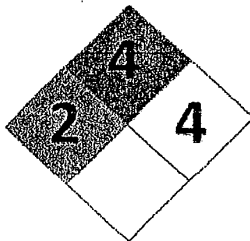
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
REACTIVITY	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with mater.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering. **Protective Clothing** - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. Fire... If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions...include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire...use plenty of water...FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] May be unstable - reacts vigorously with air, water, or fire, [3] Strongly oxidizing heat may detonate - reacts violently with air, water, or fire, [2] Moderate oxidizing - reacts with air, water, or fire, [1] Slightly oxidizing - reacts with air, water, or fire, [0] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be

preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

HMIS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Hexotonal (H6)** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Göta Johansson on behalf of Rammo LTAB AB, Vingakeravägen, SM-842 92 Vingaker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.S. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.S. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907087
PRODUCT DESIGNATION/PART NUMBER: Hexogen

U.S. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.S. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907089
PRODUCT DESIGNATION/PART NUMBER: Hexotol D

U.S. PROPER SHIPPING NAME AND NUMBER: Hexotonal, caat, UN0392

U.S. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907080
PRODUCT DESIGNATION/PART NUMBER: Hexotonal D

U.S. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.S. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907061
PRODUCT DESIGNATION/PART NUMBER: Oktol D

Display Device : QPADEV021L
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 5/05/11
15:03:38

Receipt into Stores Item Issue Units Displayed
Order No..... 11021
Advice note.. SHIPPER NO. 3038 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 202131 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Blanket Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
4 36000.000 LB 108000.000 12965
Due 4/27/11 Hexotonal (Torpex)

Lne.. Qty.. UoM..?.
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, it this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3043

At _____

By R/R Freight Charges: Collect XXX Prepaid _____ Location No. _____

Shipping Date 5-17-11

Purchase Order No. _____

P11021

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 4-DH 163-30-20-02074 Exp. Date 3/1/12

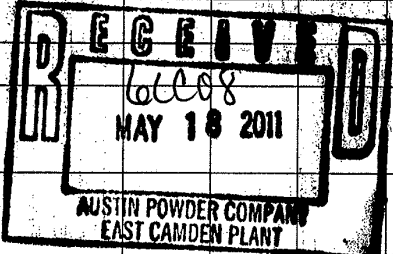
Destination 7-LL-10 BIRNEY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN, ARK 71201 Customer No. _____

Route _____

Charge Account of 870-574-0580 Customer P.O. No. 11021 Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
3043	1PT	UN0209, TRINITROTOLENE, 1.1D, P&H			#112	200240229		Explosives 1.1
1804	1PT	UN0463, HENDESEN, T-4 1.1D, P&H			#112	2009250198		Explosives 1.1
64814	18PT	UN0393, 4,4-DINITROAZO, 1.1D, P&H			#112	2002060		Explosives 1.1
		ADD <u>AS</u>						Truck No. <u>6099</u>
		SEE PACKING LIST						Trailer No. <u>6840014</u>
		IT						Mileage
								Total 174138151 @ 50 LBS 1921 113601 @ 50 LBS Packages
								Gross
								Weight # <u>38.000</u>
								Net Explosive Weight
								<u>36.100</u>



gross # 202868

Send # 2357412/2357413

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 000644589

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 3) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
 By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 17 MAY 2011

B/L# 3043

H-6

DATE CODES

16MA11E2 7200 LBS 4 PTS

16MA11E1 3600 LBS 2 PTS

15MA11E2 7200 LBS 4 PTS

15MA11E1 3600 LBS 2 PTS

14MA11E2 5400 LBS 3 PTS

14MA11E1 1800 LBS 1 PT

13MA11E2 1800 LBS 1 PT

RECLAIMED H-6

5-16-11 1800 LBS 1 PT

TNT

10-25-10 1800 LBS 1 PT

A-5(HEXOGEN/T-4)

16MA11E2 1900 LBS 1 PT(plus 2 boxes)

We received 18 pt @ 36
19PT WITH 36 BOXES @50 LBS PER BOX=34,200 LBS

1PT WITH 38 BOXES @50 LBS PER BOX=1900

TOTAL 36,100 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 17 MAY 2011

B/L# 3043

H-6

DATE CODES

16MA11E2 7200 LBS 4 PTS

16MA11E1 3600 LBS 2 PTS

15MA11E2 7200 LBS 4 PTS

15MA11E1 3600 LBS 2 PTS

14MA11E2 5400 LBS 3 PTS

14MA11E1 1800 LBS 1 PT

13MA11E2 1800 LBS 1 PT

RECLAIMED H-6

5-16-11 1800 LBS 1 PT

TNT

10-25-10 1800 LBS 1 PT

A-5(HEXOGEN/T-4)

16MA11E2 1900 LBS 1 PT(plus 2 boxes)

¹⁸
~~19~~PT WITH 36 BOXES @50 LBS PER BOX=34,200 LBS

1PT WITH 38 BOXES @50 LBS PER BOX=1900

TOTAL 36,100 LBS


LIONEL KOONS

EXPLO SYSTEMS INC

0118
0393
2
✓

all market
17-6

32400
648 @ 50
18 @ 36

1800 = 1900
50 @ 36
38 @ 50
TMT
HS =



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

TNT
[2,4,6-TRINITROTOLUENE]

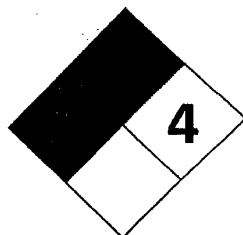
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

TNT	
HEALTH	2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: TNT
Description: Explosive 1.1D
UN 0393
US DOT Proper Shipping Name: Trinitrotoluene (TNT)
Shipping Class/Division: 1.1D

Date of Issue: December 16, 2010

MSDS - TNT
Rev. 1 - December 16, 2010 (Original Issue)
Explo Systems, Inc.

Page 1 of 4

MANUFACTURER: Explo Systems, Inc.
For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 100
Chemical Family: Organic Nitro Compound
CAS No. 118-96-7

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml
Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)
Appearance and Odor: Yellow flakes or pieces with bitter almond odor.
Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible
VENTILATION - general ventilation with local exhaust in operation area
EYE PROTECTION - chemical goggles
SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with water.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none
Flash Point: n/a
Autoignition Temperature: 870°F (466°C)
Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

MSDS - TNT
Rev. 1 - December 16, 2010 (Original Issue)
Explo Systems, Inc.

Page 2 of 4

Protective Clothing - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill...Consider initial evacuation for 800 meters (½ mile) in all directions. Fire...If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions...include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire...DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire...use plenty of water...FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air...call 911 or emergency medical services...give artificial respiration if victim is not breathing...administer oxygen if breathing is difficult...remove and isolate contaminated clothing and shoes...in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes...ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] May detonate – vacate area if materials are exposed to fire, [3] Strong shock or heat may detonate – use monitors from behind explosive resistant barriers, [2] Violent chemical change possible – use hose streams from distance, [1] Unstable if heated – use normal precautions, [0] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] 00Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors. [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react...non-explosives.

HMIS Letter Designation for Personal Protective Equipment Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of TNT (2,4,6-Trinitrotoluene) and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

**Research and
Special Programs
Administration**

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems Inc., 1702 Fourth Street, Louisiana Army Ammunition Plant, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations, (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Explosive, blasting, type E or Agent blasting, Type E, UN0332

U.N. CLASSIFICATION CODE: 1.5D

REFERENCE NUMBER
EX2002040228

PRODUCT DESIGNATION/PART NUMBER
Aqua Blend

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

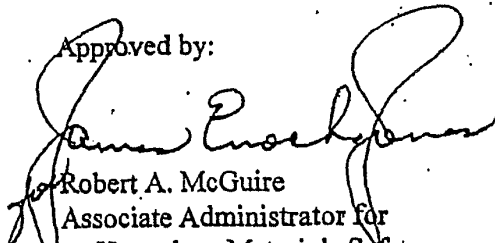
U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2002040227

PRODUCT DESIGNATION/PART NUMBER
Trinitrotoluene, flake

DATED: April 25, 2002

Approved by:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2002040284

Page 1 of 1



EXPLO SYSTEMS, INC.
 1600 Java Road
 Minden, LA 71055
 Tel 318 382 8700

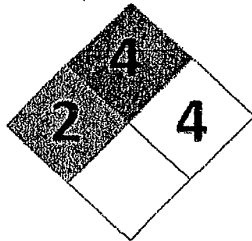
MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES
 The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING
 All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
REACTIVITY	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
 Description: Explosive 1.1D
 UN 0393
 US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
 Shipping Class/Division: 1.1D

Date of Issue: December 16, 2010

MANUFACTURER: Explo Systems, Inc.
 For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).



0483
Esploidenti Sabino Srl

Product name : Composition A5 (T4 o Hexogène)

Rev. 0 del 25/05/2005

SECURITY CARD

In compliance with D.M. 07.09.2002 (Directive 2001/58/EC)

1 - PRODUCT AND PRODUCER IDENTIFICATION

Product name

Composition A5 (T4 o Hexogène)

(This Security Card has been prepared by the Esploidenti Sabino's Safety and Environmental Manager Dr. Domenico D'OTTAVIO)

Producer's Name

Esploidenti Sabino S.r.l.

Località Termini - 66020 Casalbordino Stazzone (CH) - Italy

Phone Number (Emergencies) 0039 0873 918150 / 1

2 - COMPOSITION

Dangerous Component

T4 (RDX) 70 - 100%

Other Components :

Stearate Acid 2 - 3%

3 - RISK IDENTIFICATION

Health risks

TOXIC UNDER INHALATION, SKIN CONTACT, INGESTION.

INHALATION

Inhalation of powder could give irritation symptoms and restlessness. It acts on nerve centres.

SKIN CONTACT

It could easily penetrate the skin. For longer and repeated contact, it could cause the same symptoms as inhalation.

EYE CONTACT

If the powder goes into eyes it causes irritation.

INGESTION

It causes the same symptoms as inhalation. Acute poisoning causes bodily discomfort, vomit and in severe cases even epileptic convulsions. It could cause unconsciousness even after few days.

FIRE AND RISK OF EXPLOSION

Explosive product. It cannot stand collision, friction, raising of temperature, electrostatic charges.

WARNING : A possible fire could develop into an explosion.

RISK OF ENVIRONMENTAL CONTAMINATION

The product could contaminate water pipes.

4 - FIRST AID

Health Risks: **Inhalation, Ingestion, Skin and eyes contact.**

In case of inhalation bring the person to the open air. If the problem persists consult a doctor.

SKIN CONTACT: immediately take off contaminated clothes and shoes and wash yourself thoroughly with water and soap. If the problem persists consult a doctor.



Esploidenti Sabino Srl

Rev. 0 del 25/05/2005

EYES CONTACT : wash yourself with a lot of water. If the problem persists consult a doctor.

INGESTION: give the person few glasses of water to drink and if the person is perfectly conscious try to provoke vomiting and call a doctor.

5 - FIRE FIGHTING MEASURES

Risk of fire and explosions

Suitable equipment for fire extinction: **plenty of water. Avoid powder extinguishers.**

Possible cause of danger: **risk of explosion, nitrous smoke.**

Protection Measures for fire fighters: Total protection (oxygen breathing set) if you operate in room with flue gas.

6 - MEASURES TO UNDERTAKE IN CASE OF ACCIDENTAL DISPERSION

Dispersion - Decontamination - Disposal

Handling: Use equipment that prevent direct contact with the product. In case of dispersion pick up the product using antispark equipment; It is needed to consider the product as explosive scrap to be disposed by burning in appropriate plant and by qualified personnel.

7 - HANDLING AND STORAGE

General precautions.

The product has to be handled with care being an explosive. Keep the product away from heat, flames, sparks; avoid collision, friction and risk of electrostatic charges, creating and storage of dust.

8 - EXPOSURE CONTROL - PERSONAL PROTECTION

Avoid direct contact with RDX. Do not smoke, be careful of flames and sparks from welding. Be careful of sparks caused by electrostatic charges. Verify the grounding of all equipment. Test the efficiency of antistatic safety shoes and conductive armband. Use conductive mat. The electrical system must be in compliance with the standard. Activate a system for eye washing. For the handling use a mask for P2 light powders, rubber gloves with cotton inside. A pair of glasses. Work overalls treated with fire retardant.

9 - Physical and chemical properties

Chemical - Physical characteristics

Powdery product

White colour

Density : 0,850 Kg/lit. Ca.

Melting temperature 190 - 202°C

Spontaneous ignition and decomposition temperature: 190 - 202°C c.a

Solubility in water : Insoluble

Solubility in acetone and cyclohexanone

10 - STABILITY - REACTIVENESS

Conditions to avoid

Avoid the risk of priming. Risk for the presence of electrostatic charges, sparks and heating, during handling avoid contact with bases and strong acids. Dangerous decomposition product: Nox-CO-CO₂-H₂O



Esploidenti Sabino Srl

Rev. 0 del 25/05/2005

11 - TOXICOLOGICAL INFORMATION

Considering the composition, its' toxicity is comparable to that of the prevailing component. T4 could cause intoxication by inhalation, ingestion and by absorption through the skin.
Symptoms: nerve fatigue with anxiety, insomnia, headache, nausea, vomito and possibile epileptic fit.
LD50 oral : 100 mg/kg.
TDLo mouse (female) 20 mg/kg. Teratogen effects
TDLo mouse (male) 3 g/kg. Effects on reproductive system
TLV: 1,5 mg/m3 (T4 powders)
For effects on workers see N° 3.

12 - ECOTOXICOLOGICAL INFORMATION

Microtoxicity (mg/ml, LC 50/(mg/ml, EC50) 65 mg/ml, EC 50
Persistence of degradability : BOD7 0,02 g/g, COD 0,35 g/g BOD7/COD7 0,057
Potential bio accumulative LogPow=1,62
Water toxicity and other data. Dangerous for aquatic organism. It could have, in the long term, dangerous effects on the aquatic environment.

13 - CONSIDERATIONS REGARDING DISPOSAL

Destruction by burning.
Unusable scraps must be spread on the ground in a thin layer and in limited quantities, max 1 Kg/m2, it is forbidden to mix this explosive with other types of explosives.
The operation must be carried out in an appropriate place and lead by qualified personnel.
Burning operations shall have to be controlled from a protected area.

14 - TRANSPORT INFORMATION

Transport by Road
ADR-RID ONU N°0483 1.1D
Type of package II
Sea freight
IMDG 1.1D
Air freight
OACI Forbidden

15 - REGULATION INFORMATION

Symbols	E	Explosive
	T	Toxic
Risk phrases	R2	Risk of explosion by collision, friction, flames and other means of priming
	R23/24/25	Toxic by inhalation, by skin contact and by ingestion.
	R33	Possibility of cumulative effects.
Caution suggestion	S35	Do not throw away the product and its package without taking all the necessary precautions.
	S45	In case of illness by handling, consult a doctor.



Esplodenti Sabino Srl

Rev. 0 del 25/05/2005

16 - OTHER INFORMATION / WARNING

This card is an enhancement to technical information but it does not substitute it. The contents are based on our knowledge regarding the product in question at the indicated date. The information is passed on in good faith. We would like to focus the attention to the user on the risks deriving from improper use of the product. The user under his own responsibility, has to:

- Apply all security measures regarding the use of the product;
- Inform all people handling it, about the characteristics of the product and the risks deriving from handling;
- The contents of this document are not complete and they do not exclude the user from his responsibility to comply with the rules of his country.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2009080198

PRODUCT DESIGNATION/PART NUMBER
Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER: **3047**

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION: **R/R**

3. DATE/TIME OF INSPECTION: **5-17-11**

4. LOCATION OF INSPECTION: **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S): **Lewis Office**

6. OPERATOR(S) LICENSE NUMBER(S): **T60-65-2961 VA.**

7. MEDICAL EXAMINER'S CERTIFICATE*: **06/03/11**

8. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT: d. ERG OR EQUIVALENT COMMERCIAL: YES NO

b. VALID LEASE: e. DRIVER'S VEHICLE INSPECTION REPORT*:

c. ROUTE PLAN: f. COPY OF 49 CFR PART 397:

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT: YES NO

a. TRUCK/TRACTOR:

b. TRAILER:

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S): **Tractor Trailer**

11. VEHICLE NUMBER(S): **Tractor # 6099 / Trailer # 6840014**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES	<input checked="" type="checkbox"/>				
b. HORN OPERATIVE	<input checked="" type="checkbox"/>				
c. STEERING SYSTEM	<input checked="" type="checkbox"/>				
d. WINDSHIELD/WIPERS	<input checked="" type="checkbox"/>				
e. MIRRORS	<input checked="" type="checkbox"/>				
f. WARNING EQUIPMENT	<input checked="" type="checkbox"/>				
g. FIRE EXTINGUISHER*	<input checked="" type="checkbox"/>				
h. ELECTRICAL WIRING	<input checked="" type="checkbox"/>				
i. LIGHTS AND REFLECTORS	<input checked="" type="checkbox"/>				
j. FUEL SYSTEM	<input checked="" type="checkbox"/>				
					k. EXHAUST SYSTEM
					l. BRAKE SYSTEM*
					m. SUSPENSION
					n. COUPLING DEVICES
					o. CARGO SPACE
					p. LANDING GEAR*
					q. TIRES, WHEELS, RIMS
					r. TAILGATE/DOORS*
					s. TARPULIN*
					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin): **David Bogan**

17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	<input checked="" type="checkbox"/>				
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	<input checked="" type="checkbox"/>				
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT	<input checked="" type="checkbox"/>				
21. PROPER PLACARDS APPLIED	<input checked="" type="checkbox"/>				
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS	<input checked="" type="checkbox"/>				
23. COPY OF DD FORM 628 FOR DRIVER	<input checked="" type="checkbox"/>				
24. SHIPPED UNDER DOT SPECIAL PERMIT 868	<input checked="" type="checkbox"/>				

25. INSPECTOR SIGNATURE (Origin): **David Bogan**

26. DRIVER(S) SIGNATURE (Origin): **Phillip Pulley**

27. INSPECTOR SIGNATURE (Destination)

28. DRIVER(S) SIGNATURE (Destination)

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

400 172234

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

At *quant 20/1008*

By *ANTCO* Freight Charges: Collect Prepaid _____ Location No. _____

Shipper's No. 3030

Shipping Date 4/21/11

Purchase Order No. _____

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to *AUSTIN POWDER*

Destination *7LC-10 BIANBY RD* State _____

County *EAST CAMDEN ARK*

Route *71701*

Charge Account of *870-574-0560*

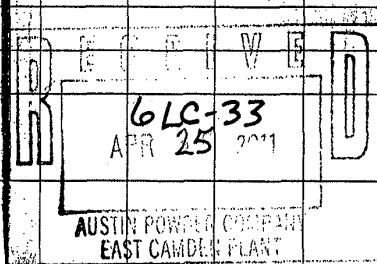
Fed Lic. *4-DM-163-20-20-00074* Exp. Date *3/1/12*

State Lic. _____ Exp. Date _____

Customer No. _____

Customer P.O. No. *11021* Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<i>7008</i>	<i>20PT</i>	<i>UN0393, HEXACHORAL, 1.1D, H.C.-6</i>	<i>126</i>	<i>112</i>	<i>9907060</i>			<i>Explosives 1.1</i>
		<i>1-10-11 3</i>						
		<i>1-3-11 4</i>						Truck No. <i>7170</i>
		<i>12-20-10 1</i>						Trailer No. <i>7810150</i>
		<i>2-21-11 3</i>						Mileage
		<i>19AP11E3 1</i>						Total <i>20PT + 30PT</i>
		<i>15AP11E4 2</i>						Package <i>5015EA</i>
		<i>11-15-10 3</i>						Gross
		<i>1-22-10 2</i>						Weight # <i>38.00</i>
		<i>1-31-11 1</i>						Net Explosive Weight
		<i>20PT</i>						<i>36.00</i>
		<i>Seal #</i>						
		<i>2357572 / 2357573</i>						



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature *[Signature]* Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 *00N64588*

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(938) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By *[Signature]* Date *4-20-11*
CONSIGNEE OR CARRIER
By *[Signature]* Date *4-25-11*
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE *172834*

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract to mean any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. **3030**

Shipping Date **4/21/11**

Purchase Order No. _____

At _____

By **ANTCO** Freight Charges: Collect Prepaid _____ Location No. _____

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to **AUSTIN POWDER** Fed Lic. **4-DH-163-20-20-00074** Exp. Date **3/1/12**

Destination **7LC-10 BLANDY RD** State _____ State Lic. _____ Exp. Date _____

County **EAST CAMDEN ARK** Route **71701** Customer No. _____

Charge Account of **870-574-0580** Customer P.O. No. **11021** Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
720PS	20PT	UN0393, HEXACHORN, 1.1D, HC-6	720PT		112	9907060		EXPLOSIVES 1.1
		1-10-11 3						
		1-3-11 4						
		12-20-10 1						
		2-21-11 3						
		19AP11E3 1						
		15AP11E4 2						
		1-15-10 3						
		1-22-10 2						
		1-31-11 1						
		20PT						
		2357572 / 2357573						
								Truck No. 7170
								Trailer No. 7810150
								Mileage
								Total 20PT + 30PT @ 50LB EA
								Gross Weight # 38.000
								Net Explosive Weight 36.000

RECEIVED
APR 25 2011
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature *[Signature]* Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 **02N644589**

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By *[Signature]* Date **4-20-11**
 CONSIGNEE / CARRIER
 By *[Signature]* Date **4-25-11**
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

172834

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, by the shipper to the carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry the property to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Expro Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 3030
Shipping Date 4/21/11
Purchase Order No.
By AATCO Freight Charges: Collect Prepaid Location No.

Consigned to Austin Powell Destination 712-10 Blandy Rd State East Camden Ark 71701
Charge Account of 870-574-0560 Customer P.O. No. 11021 Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten entries like '1-10-11 3', '1-3-11 4', '12-20-10 1', '2-21-11 3', '19AP11E3 1', '15AP11E4 2', '1-15-10 3', '1-1-22-10 2', '1-31-11 1/20PT', 'Seal', and '2357572 / 2357573'.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten Signature] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3638 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Expro Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (318) 382-8700
Per
DOT Hazardous Material Handling Number
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
I have been offered placards identifying the shipment as specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.
Received By [Handwritten Signature] Date 4-20-11
AUTHORIZED RECEIVER

R & R Trucking, Inc.
P.O. Box 545
DUENWEG, MO 64841
417-623-6885
417-624-8642-Fax

NEI Transport, LLC
P.O. Box 545
DUENWEG, MO 64841
417-623-8784
417-623-8881-Fax

AATCO
P.O. Box 545
DUENWEG, MO 64841
417-623-8784
417-623-8881-Fax

EXPLOSIVE HIGHWAY ROUTE PLAN

DATE: 4-21-11

TRUCK #: 7170 TRAILER #: 7810150 WORK ORDER #: 172834 B/L #: _____

ORIGIN: CITY: Menden ST: LA DESTINATION: CITY: E. Gordon ST: ARK

§397.67 Motor carrier responsibility for routing – EXPLOSIVES

- (a) A motor carrier transporting NRHM shall comply with NRHM routing designations of a State or Indian tribe pursuant to this subpart.
- (b) A motor carrier carrying hazardous materials required to be placarded or marked in accordance with 49 CFR 177.823 and not subject to a NRHM routing designations pursuant to this subpart, shall operate the vehicle over routes which do not go through or near heavily populated areas, places where crowds are assembled, tunnels, narrow streets, or alleys, except where the motor carrier determines that:
 - (1) There is no practicable alternative;
 - (2) A reasonable deviation is necessary to reach terminals, points of loading and unloading, facilities for food, fuel, repairs, rest, or a safe haven; or
 - (3) A reasonable deviation is required by emergency conditions, such as a detour that has been established by a highway authority, or a situation exists where a law enforcement official requires the driver to take an alternative route.
- (c) Operating convenience is not a basis for determining whether it is practicable to operate a motor vehicle in accordance with paragraph (b) of this section.
- (d) **Before a motor carrier requires or permits a motor vehicle containing explosives in Class 1, Divisions 1.1, 1.2, 1.3, as defined in 49 CFR 173.50 and 173.53 respectively, to be operated, the carrier or its agent shall prepare a written route plan that complies with this section and all furnish a copy to the driver. However, the driver may prepare the written plan as agent for the motor carrier when the trip begins at a location other than the carrier's terminal.**

HIGHWAY ROUTES

I 20 to 99 W to Hwy 9 to 167

to Hwy 274 to State R5

Subject to change

NOTE: The above information is to be completed before leaving the shipper. This form is to be retained with your Bill of Lading until delivery is made.

DRIVER SIGNATURE: 1. Michael Powell

DRIVER SIGNATURE: 2. Daomi Powell

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER **3030**

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION **AAATLO**

3. DATE/TIME OF INSPECTION **4/21/11**

4. LOCATION OF INSPECTION **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S) **Power, Naomi**

6. OPERATOR(S) LICENSE NUMBER(S) **Power, Naomi 28063960 TX**

7. MEDICAL EXAMINER'S CERTIFICATE **10-12-11**

B. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT d. ERG OR EQUIVALENT COMMERCIAL: YES NO

b. VALID LEASE e. DRIVER'S VEHICLE INSPECTION REPORT a. TRUCK/TRACTOR YES NO

c. ROUTE PLAN f. COPY OF 49 CFR PART 397 b. TRAILER YES NO

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) **Tractor Trailer**

11. VEHICLE NUMBER(S) **Tractor # 7170 / Trailer # 7816150**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN
j. FUEL SYSTEM					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]*

17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 828 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) *[Signature]*

26. DRIVER(S) SIGNATURE (Origin) *Naomi Powell*

27. INSPECTOR SIGNATURE (Destination)

28. DRIVER(S) SIGNATURE (Destination)



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

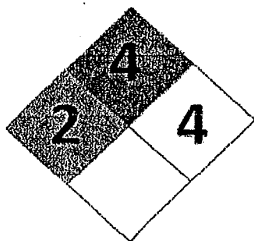
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

HEXOTONAL (H6)		
HEALTH	2	
FLAMMABILITY		4
		4
PERSONAL PROTECTION		B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with mater.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering. **Protective Clothing** - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. **Fire...** If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions...include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. **Tire or Vehicle Fire...** use plenty of water...FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI - NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions -

Flammability - [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health - [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity - [4] May be unstable - reacts violently with water and exposed to fire, [3] Stable - reacts or reacts very dangerously - reacts with water, [2] Stable - reacts with water, [1] Stable - reacts with water, [0] Stable - reacts with water - use normal precautions - no special precautions, [3] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health - [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability - [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be

preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure. [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion. [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air. [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors. [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

HMIS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of Hexotonal (H6) and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, N.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Gösta Johansson on behalf of Nammo LTB AB, Vingakeravägen, SM-643 92 Vingaker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.S. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.S. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907087	Hexogen

U.S. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.S. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotol D

U.S. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0292

U.S. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907080	Hexotonal D

U.S. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.S. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907061	Octol D

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No: 3029
Shipping Date 4/21/11
Purchase Order No.
Freight Charges: Collect XXX Prepaid
Location No.

Consigned to Austin Powder
Destination 7LL-10 Blandy Rd State
County East Camden Ark Route 71701
Charge Account of 810-574-0580 Customer P.O. No. 11021 Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes a 'RECEIVED' stamp from Austin Powder Company dated APR 25 2011.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (504) 382-8700
Per [Handwritten Signature]
DOT Hazardous Material Handling Number
Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
Received By [Handwritten Signature] Date
LI CONSIGNEE [] CARRIER
By [Handwritten Signature] Date AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading.
 The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below,
 said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry
 the property to the usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of
 said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed
 hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof,
 if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

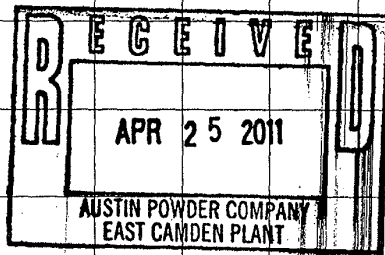
Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this
 shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055	Shipper's No. <u>322</u>
At _____	Shipping Date <u>4-20-11</u>
By <u>AMU/R12</u>	Purchase Order No. _____
Freight Charges: Collect <u>XXX</u> Prepaid _____	Location No. _____

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to <u>Explo Systems, Inc.</u>	Fed Lic. _____	Exp. Date _____
Destination <u>Minden, LA</u> State _____	State Lic. _____	Exp. Date _____
County _____	Customer No. _____	
Route _____		
Charge Account of <u>Explo Systems, Inc.</u>	Customer P.O. No. _____	Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
								Truck No.
								Trailer No.
								Mileage
								Total
								Packages
								Gross
								Weight #
								Net Explosive Weight



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3836 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
 600 Java Road
 Minden, Louisiana 71055
 (318) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per Monica Kelly Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
 By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry said property to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, It this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 3-22

Shipping Date 4/22/11

At _____ Purchase Order No. _____

By AMC/RIC Freight Charges: Collect 100 Prepaid _____ Location No. _____

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to _____ Fed Lic. _____ Exp. Date _____

Destination _____ State _____ State Lic. _____ Exp. Date _____

County _____ Customer No. _____

Route _____

Charge Account of _____ Customer P.O. No. _____ Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
								Truck No.
								Trailer No.
								Mileage
								Total
								Packages
								Gross
								Weight #
								Net Explosive Weight

RECEIVED
APR 25 2011
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
600 Java Road
Minden, Louisiana 71055
(318) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per Monica Kelly Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

By _____ Date _____
AUTHORIZED RECEIVER

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry said property to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3-20

Shipping Date 4/20/11

At _____ Purchase Order No. _____

By AM/12 Freight Charges: Collect XXX Prepaid _____ Location No. _____

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Explo Systems, Inc. Fed Lic. _____ Exp. Date _____

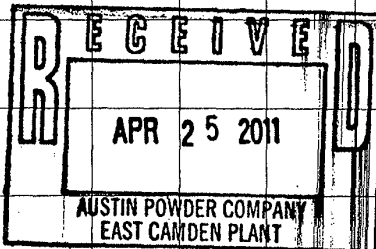
Destination LA 71055 State _____ State Lic. _____ Exp. Date _____

County LA Customer No. _____

Route _____

Charge Account of 3-20-11 Customer P.O. No. 1122 Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
								Truck No.
								Trailer No.
								Mileage
								Total Packages
								Gross Weight #
								Net Explosive Weight



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature _____ Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper:
Explo Systems, Inc.
 300 Java Road
 Minden, Louisiana 71055
 (318) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per Monica Kelly Received By _____ Date _____
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____ By _____ Date _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 AUTHORIZED RECEIVER
 (Shipper)

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER **3029**

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION **ARMCO/RIR**

3. DATE/TIME OF INSPECTION **4/21/11**

4. LOCATION OF INSPECTION **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S) **CLUD PERKINS**

6. OPERATOR(S) LICENSE NUMBER(S) **CLUD PERKINS 4730-01-1395 IND**

7. MEDICAL EXAMINER'S CERTIFICATE **3-11-12**

8. If satisfactory at origin

a. MILITARY HAZMAT ENDORSEMENT d. ERG OR EQUIVALENT COMMERCIAL: YES NO

b. VALID LEASE e. DRIVER'S VEHICLE INSPECTION REPORT a. TRUCK/TRACTOR YES NO

c. ROUTE PLAN f. COPY OF 49 CFR PART 397 b. TRAILER YES NO

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) **Tractor Trailer** 11. VEHICLE NUMBER(S) **Tractor # 10072 / Trailer # 7810008**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN* N/A
j. FUEL SYSTEM					t. OTHER (Specify) N/A

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) *[Signature]* 17. INSPECTOR SIGNATURE (Destination)

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 828 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) *[Signature]* 26. DRIVER(S) SIGNATURE (Origin) *[Signature]*

27. INSPECTOR SIGNATURE (Destination) 28. DRIVER(S) SIGNATURE (Destination)



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

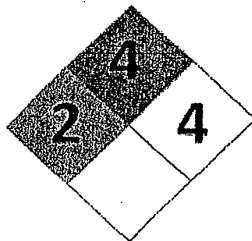
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, **DO NOT USE IT** before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMSI LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
REACTIVITY	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with mater.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering. **Protective Clothing** - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. Fire... If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions...include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire... use plenty of water... FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – (4) May be extremely reactive under normal conditions and explosive fire, hot surface, shock or heat may detonate - use with care, (3) May be reactive under normal conditions, (2) Stable under normal conditions, (1) Stable - use with care, (0) Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be

preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Materials may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosives.

HMIS Letter Designation for Personal Protective Equipment **Required Equipment**

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Hexotonal (H6)** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20260

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Göta Johansson on behalf of Rammo LITAB AB, Vingåkersverken, SM-642 82 Vingåker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: PRODUCT DESIGNATION/PART NUMBER

MX-9907087 Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: PRODUCT DESIGNATION/PART NUMBER

MX-9907089 Hexotol D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0292

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: PRODUCT DESIGNATION/PART NUMBER

→ MX-9907080 Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: PRODUCT DESIGNATION/PART NUMBER

MX-9907061 Octol D

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE *WO# 171821*

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

P11021

Shipper's No. 3032

Shipping Date 4/26/11

At Exp # 201686

By R/R Freight Charges: Collect Prepaid Location No. _____

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 4-04-163-20-20-00071 Exp. Date 3/1/12

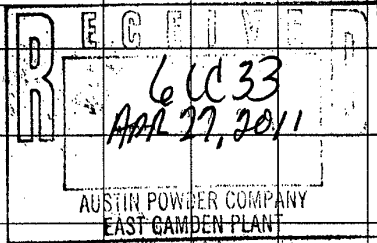
Destination 7LC-10 BLANDY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AAR Customer No. _____

Route 71701

Charge Account of 870-574-0540 Customer P.O. No. 11021 Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>70FB</u>	<u>20PT</u>	<u>UN0399. HEAVY METAL. 1.1A PATE</u>			<u>#12</u>	<u>9902060</u>		<u>Explosives 1.1</u>
		<u>DATE CODES:</u>						<u>Truck No. 6355</u>
		<u>SEE PACKING LIST</u>						<u>Trailer No. 7810078</u>
								<u>Mileage</u>
								<u>Total 20 Pkgs / 36000 LBS</u>
								<u>25000 LBS</u>
								<u>Gross</u>
								<u>Weight # 38,000</u>
								<u>Net Explosive Weight</u>
								<u>36,000</u>



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 20164589

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per Monica Kelly Received By [Signature] Date 4/26/11

DOT Hazardous Material Handling Number _____ O CONSIGNEE CARRIER

Local Federal Explosives License No. 5-LA-119-201A-00057 By _____ Date _____

(Shipper) AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

WO# 171821

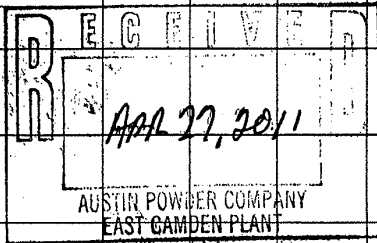
RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if it is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if it is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055	Shipper's No. <u>3032</u>
At _____	Shipping Date <u>4/26/11</u>
By <u>R/R</u>	Purchase Order No. _____
Freight Charges: Collect <input checked="" type="checkbox"/> Prepaid _____	Location No. _____

(Mail or Street Address of Consignee — For purposes of notification only)	
Consigned to <u>AUSTIN POWDER CO</u>	Fed Lic. <u>4-04-163-20-20-00071</u>
Destination <u>710-10 BIRNEY RD</u> State _____	State Lic. _____
County <u>EAST CAMDEN PARL</u>	Customer No. _____
Route <u>71701</u>	
Charge Account of <u>870-574-0540</u>	Customer P.O. No. <u>11021</u>
	Rel. No. _____

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>770FB</u>	<u>70PT</u>	<u>UN0397. HEAVY METAL. 1.1A P&H</u>			<u>712</u>	<u>9907060</u>		<u>Explosives 1.1</u>
		<u>DATE CHARGES: SEE PACKING LIST</u>						Truck No. <u>6355</u>
								Trailer No. <u>7810078</u>
								Mileage _____
								Total <u>20 P&H / 36 P&H</u>
								Packages <u>2500004</u>
								Gross _____
								Weight # <u>38.000</u>
								Net Explosive Weight _____
								<u>36.000</u>



This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT 800-424-9300 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 404-441-589

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per Monica Kelly Received By [Signature] Date 4/26/11
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____ Local Federal Explosives License No. 5-LA-119-2011A-00057 (Shipper) By _____ AUTHORIZED RECEIVER Date _____

AUSTIN POWDER PACKING LIST

SHIPMENT DATE 26 APRIL 2011

B/L# 3032 TRAILER R/R 7810078

H-6

DATE CODES

22AP11E2 1800 LBS 1PT

23AP11E1 5400 LBS 3PT

23AP11E2 5400 LBS 3PT

24AP11E1 5400 LBS 3PT

24AP11E2 3600 LBS 2PT

25AP11E1 1800 LBS 1PT

21AP11E2 5400 LBS 3PT

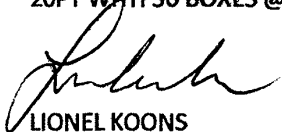
22AP11E1 3600 LBS 2PT

HC-6

22AP11E4 1800 LBS 1PT

25AP11E3 1800 LBS 1PT

20PT WITH 36 BOXES @50 LBS PER BOX=36,000 LBS



LIONEL KOONS

EXPLO SYSTEMS INC

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
303T 5032 *u*

SECTION I - DOCUMENTATION		ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION		RIA	
3. DATE/TIME OF INSPECTION		4/26/11	
4. LOCATION OF INSPECTION		EXPLo Systems Inc.	
5. OPERATOR(S) NAME(S)		Roger Bolan	
6. OPERATOR(S) LICENSE NUMBER(S)		007581692 La	
7. MEDICAL EXAMINER'S CERTIFICATE*		5/21/11	
8. <i>(X if satisfactory at origin)</i>			9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*
a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
b. VALID LEASE*	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT*	a. TRUCK/TRACTOR <input checked="" type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	b. TRAILER <input checked="" type="checkbox"/>

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) Tractor Trailer		11. VEHICLE NUMBER(S) Tractor # 6355 / Trailer # 7810078			
12. PART INSPECTED <i>(X as applicable)</i>	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES	<input checked="" type="checkbox"/>				k. EXHAUST SYSTEM
b. HORN OPERATIVE	<input checked="" type="checkbox"/>				l. BRAKE SYSTEM*
c. STEERING SYSTEM	<input checked="" type="checkbox"/>				m. SUSPENSION
d. WINDSHIELD/WIPERS	<input checked="" type="checkbox"/>				n. COUPLING DEVICES
e. MIRRORS	<input checked="" type="checkbox"/>				o. CARGO SPACE
f. WARNING EQUIPMENT	<input checked="" type="checkbox"/>				p. LANDING GEAR*
g. FIRE EXTINGUISHER*	<input checked="" type="checkbox"/>				q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING	<input checked="" type="checkbox"/>				r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS	<input checked="" type="checkbox"/>				s. TARPULIN
j. FUEL SYSTEM	<input checked="" type="checkbox"/>				t. OTHER (Specify)
13. INSPECTION RESULTS <i>(X one)</i>		ACCEPTED <input checked="" type="checkbox"/>		REJECTED <input type="checkbox"/>	
<i>(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)</i>					
14. SATELLITE MOTOR SURVEILLANCE SYSTEM: <i>(X one)</i>		ACCEPTED <input checked="" type="checkbox"/>		REJECTED <input type="checkbox"/>	
15. REMARKS					

16. INSPECTOR SIGNATURE (Origin) David Bogan	17. INSPECTOR SIGNATURE (Destination)
--	---------------------------------------

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR	<input checked="" type="checkbox"/>				
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT	<input checked="" type="checkbox"/>				
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT	<input checked="" type="checkbox"/>				
21. PROPER PLACARDS APPLIED	<input checked="" type="checkbox"/>				
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS	<input checked="" type="checkbox"/>				
23. COPY OF DD FORM 628 FOR DRIVER	<input checked="" type="checkbox"/>				
24. SHIPPED UNDER DOT SPECIAL PERMIT 868	<input checked="" type="checkbox"/>				
25. INSPECTOR SIGNATURE (Origin) David Bogan	26. DRIVER(S) SIGNATURE (Origin) Roger Bolan				
27. INSPECTOR SIGNATURE (Destination)	28. DRIVER(S) SIGNATURE (Destination)				



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

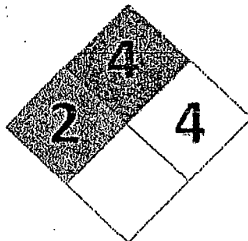
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with water.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.
Protective Clothing - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. Fire... If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions... include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire... use plenty of water... FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reaction with water, oxidizing, corrosive, toxic, irritant, etc. are listed on the label. If none of these are listed, the material is not considered to be a hazard. The hazard information on the label is based on the information provided in the Safety Data Sheet (SDS) for the material.

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

Flammability – [4] Flammable gases, or very volatile flammable liquids with flashpoints below 23°C and boiling points below 38°C (Class 1A). Materials may spontaneously ignite with air, [3] Materials capable of ignition under almost all normal temperature conditions. Includes flammable liquids with flash points below 23°C and boiling points above 38°C, as well as liquids with flashpoints between 23°C and 38°C (Class 1B and 1C), [2] Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flashpoint at or above 38°C but below 94°C (Classes 2 and 3A), [1] Materials that must be

preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure. [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Material may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion. [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air. [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo spontaneous polymerization in the absence of inhibitors. [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react to non-explosives.

HMS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of Hexotonal (H6) and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Göta Johansson on behalf of Rammo LTAB AB, Vingakeravägen, SM-643 82 Vingaker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

EX-9907087 Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

EX-9907089 Hexolite D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolonal, cast, UN0992

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

EX-9907080 Hexolonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Oktolite (Oktol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

EX-9907061 Oktol D

5722SS1 V5R4M0 060210
AUSTIN
Print Key Output

Display Device : QPADEV027L
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 4/27/11 10:15:30
Receipt into Stores
Order No..... 11021
Advice note.. SHIPPER NO 3032
Order Class. 1 Stock Order-Tax Exempt

EXPLO SYSTEMS LLC
GRN No.. 201686
Stockroom... EC East Camden, AR
Blanket Order

* Line O/s Qty UOM Order qty Item Supplier item ref
4 108000.000 LB 108000.000 12965
Due 4/27/11 Hexotonal (Torpex)

3=Reservations
I=Text

Line.. 4 Qty.. UOM..?
Int. trace..
Amend Landed Costs(0/1).... 0
Expir. date.. 9999999

F3=Exit F4=prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

11021



EXPLO SYSTEMS
1600 JAVA ROAD
MINDEN, LA 71055-7924
(318) 382-8700

Invoice

DATE	INVOICE #
3/31/2011	2828

BILL TO:

Austin Powder Company
PO Box 317
McArthur, OH 45651

SHIP TO:

Austin Powder Company
Red Diamond Works
430 Powder Plant Road
McArthur, OH 45651

P.O. NUMBER	TERMS	REP	SHIP	VIA	F.O.B.	PROJECT
11021	Net 15		3/31/2011	R & R		

QUANTITY	ITEM CODE	DESCRIPTION	PRICE EACH	AMOUNT
36,000	Lbs.	Hexotonal (Torpex); B/L no. 3018 (12965)	0.70	25,200.00



*growth
of 00956*

PAID
*10/14/11
mck*

Thank you for your business.

TOTAL \$25,200.00

STEEL BILT BILL OF LADING

NOT NEGOTIABLE

THE PROPERTY DESCRIBED BELOW, IN APPARENT GOOD ORDER, EXCEPT AS NOTED (CONTENTS AND CONDITION OF PACKAGES UNKNOWN), CONSIGNED AND DESTINED AS INDICATED BELOW. WHILE IN THE CARE OF THE CARRIER (THE WORD CARRIER BEING UNDERSTOOD THROUGHOUT THIS CONTRACT INCLUDING ANY PERMISSIVE OR PROHIBITIVE INSTRUCTIONS IN POSSESSION OF THE PROPERTY UNDER THE CONTRACT), THE CARRIER SHALL BE RESPONSIBLE TO DELIVER THE PROPERTY TO ITS PLACE OF DELIVERY OR TO DESTINATION, IF ON ITS ROUTE, OTHERWISE TO DELIVER TO ANOTHER CARRIER ON THE ROUTE TO SAID DESTINATION. IT IS MUTUALLY AGREED AS TO EACH PARTY'S OBLIGATIONS AND LIABILITY HEREUNDER. THE CARRIER SHALL BE RESPONSIBLE FOR THE PROPER CLASSIFICATION OF THE PROPERTY UNDER THE UNIFORM FREIGHT CLASSIFICATION IN EFFECT ON THE DATE HEREON. THIS BILL OF LADING IS VALID ONLY IF IT IS ISSUED IN ACCORDANCE WITH ALL THE TERMS AND CONDITIONS OF THE BILL OF LADING SET FORTH IN THE CLASSIFICATION OR TARIFF WHICH GOVERNS THE TRANSPORTATION OF THIS PROPERTY AND THE TARIFF TERMS AND CONDITIONS ARE HEREBY AGREED TO BY THE SHIPPER AND ACCEPT FOR HIMSELF AND HIS ASSIGNS.

Shipper: Exalt Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. **2018**

Shipping Date **5/21/11**

By **R/R /** Freight Charges: Collect Prepaid Location No. _____

Consignee (Mail or Street Address of Consignee - For purposes of notification only):
1700 CRYSTAL PKWY 71701

State **LA** Exp. Date **3/1/12**

Customer No. _____

Charge Account of **820-574-0580** Customer P.O. No. **11021** Ref. No. _____

SHIP. NO. (1)	SHIP. UNIT	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED BAGS	RETURNED UNITS	EMERGENCY RESPONSE GUIDE NO.	EXEMPTION DOT 6	H.M.	Placards Applied to this location (None applicable)
720	20PT	UNCLASIFIED HAZARDOUS (U2) 110 DOT 11			112	392260		Explosives 2.1
		DAT (DOT 9)						
		HCL						
		2PT 32811						Truck No. 2374
		HCL						Trailer No. 50651
		32811						Weight
		41PT						Time 30 PM 5/21/11
		52811						Package # 50651
		20 PT 32811						Weight 50651
		2357528/2357529						Weight 50651

This is to certify that the above named materials are properly classified, packaged, marked, and labeled, and that the proper placards have been affixed, in accordance with the applicable regulations of the Department of Transportation.

Signature: [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - 800-424-9300
IN THE USA CALL 800-424-9300 IN CANADA CALL (416) 291-0699 GLOUCESTER CALL (708) 277-0007

Permit Address of Shipper: _____

Carrier: _____

Minden, Louisiana 71055

DOT Hazardous Material Handling Number _____

Local: _____

CONTAINS HAZARDOUS MATERIALS

66C33

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER

3018

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION

ER/ NEI

3. DATE/TIME OF INSPECTION

3/31/11

4. LOCATION OF INSPECTION

EXPLo Systems Inc.

5. OPERATOR(S) NAME(S)

Sandra Henthorn

6. OPERATOR(S) LICENSE NUMBER(S)

Rc 037433 OH

7. MEDICAL EXAMINER'S CERTIFICATE*

10/25/12

ORIGIN
a.

DESTINATION
b.

8. *(X if satisfactory at origin)*

a. MILITARY HAZMAT ENDORSEMENT

d. ERG OR EQUIVALENT COMMERCIAL:

YES

NO

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT*

YES

NO

b. VALID LEASE*

e. DRIVER'S VEHICLE INSPECTION REPORT*

a. TRUCK/TRACTOR

c. ROUTE PLAN

f. COPY OF 49 CFR PART 397

b. TRAILER

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S)

Tractor Trailer

11. VEHICLE NUMBER(S)

Tractor # 2274 / Trailer # 50651

12. PART INSPECTED
(X as applicable)

ORIGIN (1)

DESTINATION (2)

ORIGIN (1)

DESTINATION (2)

COMMENTS (3)

a. SPARE ELECTRICAL FUSES

k. EXHAUST SYSTEM

b. HORN OPERATIVE

l. BRAKE SYSTEM*

c. STEERING SYSTEM

m. SUSPENSION

d. WINDSHIELD/WIPERS

n. COUPLING DEVICES

e. MIRRORS*

o. CARGO SPACE

f. WARNING EQUIPMENT

p. LANDING GEAR*

g. FIRE EXTINGUISHER*

q. TIRES, WHEELS, RIMS

h. ELECTRICAL WIRING

r. TAILGATE/DOORS*

i. LIGHTS AND REFLECTORS

s. TARPULIN*

N/A

j. FUEL SYSTEM

t. OTHER *(Specify)*

N/A

13. INSPECTION RESULTS *(X one)* ACCEPTED

REJECTED

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: *(X one)* ACCEPTED

REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE *(Origin)*

David Bogan

17. INSPECTOR SIGNATURE *(Destination)*

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR

ORIGIN (1)

DESTINATION (2)

COMMENTS (3)

SAT UNSAT

SAT UNSAT

19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT

20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT

21. PROPER PLACARDS APPLIED

22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS

N/A

23. COPY OF DD FORM 628 FOR DRIVER

24. SHIPPED UNDER DOT SPECIAL PERMIT 868

N/A

25. INSPECTOR SIGNATURE *(Origin)*

David Bogan

26. DRIVER(S) SIGNATURE *(Origin)*

Sandra Henthorn

27. INSPECTOR SIGNATURE *(Destination)*

28. DRIVER(S) SIGNATURE *(Destination)*



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CLASSIFICATION OF EXPLOSIVES

Based upon a request by Gösta Johansson on behalf of Rammo LAB AB, Vingåkersverken, SM-642 92 Vingåker, Sweden, the following items are classed in accordance with Section 172.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907087
PRODUCT DESIGNATION/PART NUMBER: Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907089
PRODUCT DESIGNATION/PART NUMBER: Hexolite D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907080
PRODUCT DESIGNATION/PART NUMBER: Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER: EX-9907061
PRODUCT DESIGNATION/PART NUMBER: Octol D



EXPLO SYSTEMS, INC.
1600 Java Road
Minden, LA 71055
Tel 318 382 8700

MATERIAL SAFETY DATA SHEET

HEXOTONAL (H6)

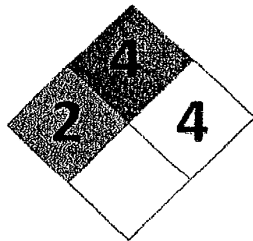
PREVENTION OF ACCIDENTS IN THE USE OF EXPLOSIVES

The prevention of accidents in the use of explosives is a result of careful planning and observance of best known practices. The explosives user must remember that he is dealing with a powerful force and that various devices and methods have been developed to assist him in directing this force. He should realize that this force, if misdirected, may either kill or injure both him and his fellow workers.

WARNING

All explosives are dangerous and must be carefully handled and used following approved safety procedures either by or under the direction of competent, experienced persons in accordance with all applicable federal, state and local laws, regulations, or ordinances. If you have any questions or doubts as to how to use any explosive product, DO NOT USE IT before consulting with your supervisor, or the manufacturer, if you do not have a supervisor. If your supervisor has any questions or doubts, he should consult the manufacturer before use.

NFPA LABEL...



HMIS LABEL...

HEXOTONAL (H6)	
HEALTH	2
FLAMMABILITY	4
REACTIVITY	4
PERSONAL PROTECTION	B

For definitions of the numerical and letter designations shown in these labels, see Section VI.

SECTION I - PRODUCT IDENTIFICATION

Product Name: Hexotonal (H6) (also called Torpex)
16, 2010

Date of Issue: December

Description: Explosive 1.1D
UN 0393

US DOT Proper Shipping Name: Hexotonal (H6) or Torpex - Packing Group II
Shipping Class/Division: 1.1D

MANUFACTURER: Explo Systems, Inc.

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

SECTION II - HAZARDOUS INGREDIENTS

Chemical Name: RDX % by Wt. 30-50

Chemical Family: Organic Nitro Compound

CAS No. 82030-42-0

Chemical Name: TNT (2,4,6-Trinitrotoluene) % by Wt. 40-50

Chemical Family: Organic Nitro Compound

CAS No. 118-96-7

Chemical Name: Aluminum (Al) % by Wt. 10-30

Chemical Family: Elemental Metal

CAS No. 7249-90-5

SECTION III - PHYSICAL AND CHEMICAL DATA

Melting Point: 176°F (80.3°C) Density: 1.66 gm/ml

Vapor Pressure: 0.057 Mpa, 178°F (81.4°C)

Appearance and Odor: Brown flakes or pieces with bitter almond odor.

Flash Point: n/a

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: EYES - slight irritation; SKIN - slight irritation; INHALATION - TNT is toxic by inhalation; INGESTION - TNT is toxic by ingestion.

EYES - flush with lukewarm water; SKIN - wash with soap and water; INHALATION - If detonation fumes are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen and call a physician. INGESTION - induce vomiting immediately by giving two glasses of water and sticking finger down throat.

RESPIRATORY PROTECTION - wear filter respirator, avoid dusting by keeping wet when possible

VENTILATION - general ventilation with local exhaust in operation area

EYE PROTECTION - chemical goggles

SKIN PROTECTION - impervious gloves

SPILL OR LEAK PROCEDURES - review fire and explosion hazards before proceeding with cleanup. Remove all ignition sources. Wear protective equipment during cleanup. Mop with water.

WASTE DISPOSAL METHOD - consult an explosives expert for recommended method for destroying explosive material.

SECTION V - EMERGENCY RESPONSE PROCEDURES

Extinguishing Media: none

Flash Point: n/a

Autoignition Temperature: 570°F (299°C)

Special Firefighting Procedures: Refer to Emergency Response Guidebook Procedure No. 112 (reproduced below)

Guide 112

Fire or Explosion - May explode and through fragments 1600 meters (1 mile) or more if fire reaches cargo.

Health - Fire may produce irritating corrosive and/or toxic gases.

Public Safety - Call emergency number on shipping papers. Isolate spill or leak immediately for at least 500 meters (½ mile) in all directions. Move people out of line of sight of the scene and away from windows. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.
Protective Clothing - Wear positive pressure SCBA. Structural firefighters' protective clothing will only provide limited protection.

Evacuation - Large Spill... Consider initial evacuation for 800 meters (½ mile) in all directions. Fire... If railcar or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, isolate for 1600 meters (1 mile) in all directions... include emergency responders in this evacuation. When heavily encased explosives are not involved, evacuate for 800 meters (½ mile) in all directions.

Fire - Cargo Fire... DO NOT fight fire when fire reaches cargo! Cargo may explode! Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let it burn. DO NOT move cargo or vehicle if it has been exposed to heat. Tire or Vehicle Fire... use plenty of water... FLOOD IT! If water is not available, use CO₂, Dry Chemical or dirt. If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area. Pay special attention to tire fires as re-ignition may occur; stand by with extinguisher ready.

Spill or Leak - Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Do not operate radio transmitters within 100 meters (330 feet) or electric detonators. Do not clean up or dispose of, except under supervision of specialist.

First Aid - Move victim to fresh air... call 911 or emergency medical services... give artificial respiration if victim is not breathing... administer oxygen if breathing is difficult... remove and isolate contaminated clothing and shoes... in case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes... ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION VI – NFPA AND HMIS LABELING PROTOCOLS, DISCLAIMER AND AUTHOR

NFPA Diamond Label Definitions –

Flammability – [4] Extremely Flammable, [3] Ignites at normal temperatures, [2] Ignites when moderately heated, [1] Must be preheated to burn, [0] Will not burn

Health – [4] Too dangerous to enter vapor or come into direct contact with material, [3] Extremely dangerous use full protective clothing, [2] Hazardous - use breathing apparatus, [1] Slightly hazardous, [0] Like ordinary material

Reactivity – [4] High degree of reactivity, [3] Moderate reactivity, [2] Low reactivity, [1] Stable but may decompose – use immediately, [0] Stable – no hazard under normal conditions, [0] Incompatible with water and pressure, [0] Normally stable

HMIS Label Definitions -

The two boxes on the label for Health are for short-term (left box) and long-term (right box). If a label space is empty, there is no hazard

Health – [4] Life-threatening, major or permanent damage may result from single or repeated overexposures, [3] Major injury likely unless prompt action is taken and medical treatment given, [2] Temporary or minor injury may occur, [1] Irritation or minor reversible injury possible, [0] No significant risk to health.

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preheated before ignition occurs, includes liquids, solids and semi-solids having a flash point above 94°C, [0] Material will not burn.

Physical Hazards – [4] Materials that are readily capable of explosive water reaction. Detonation or explosive decomposition, polymerization or self-reaction at normal temperature and pressure, [3] Materials that may form explosive mixtures with water and are capable of detonation or explosive reaction in the presence of a strong initiating force. Electrolysis may polymerize, decompose, self-react, or under-go other chemical change at normal temperature and pressure with moderate risk of explosion, [2] Materials that are unstable and may undergo violent chemical changes at normal temperatures and pressure with low risk for explosion, materials may react violently with water or form peroxides upon exposure to air, [1] Materials that are normally stable but can become unstable (self-react) at high temperatures and pressure, materials may react non-violently with water or undergo hazardous polymerization in the absence of inhibitors, [0] Materials that are normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react non-explosively.

HMIS Letter Designation for Personal Protective Equipment

Required Equipment

- A Safety Glasses with Sideshields
- B Safety Glasses with Sideshields and gloves
- C Safety Glasses with Sideshields, gloves and protective apron
- D Faceshield, gloves, protective apron
- E Safety Glasses with sideshields, gloves, dust respirator
- F Safety Glasses with sideshields, gloves, protective apron, dust respirator
- G Safety Glasses with Sideshields, gloves, vapor respirator
- H Splash goggles, gloves, protective apron and vapor respirator
- I Safety Glasses with Sideshields, gloves, dust respirator or vapor respirator
- J Splash Goggles, gloves, protective apron, dust respirator, vapor respirator
- K Air Line Mask or Hood, gloves, full suit, boots
- L through Z Site-specific labeling and handling requirements

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Hexotonal (H6)** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which the product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE – Director Support Technology – Explo Systems, Inc. – 1600 Java Road – Minden, LA 71055 – Tel 318 382 8700 – E-mail: fcallihan@explosystems.com

Display Device : QPADEV0215
User : MONICAG

IN816 02 - Austin Powder Company User MONICAG 4/11/11
12:28:34

Inventory Movements - Detail

Item..... 12965 Hexotonal (Torpex)
Stockroom..... EC East Camden, AR
Movement type..... Purchase Receipt
Movement ref..... GRN NO 0200956
Ref. type.....
Ref. date..... 4/04/11
Movement Qty..... 36000.000 Pounds
Movement value.... 31554.00
Resulting Qty bal. 36000.000 Pounds
To/from..... 110403 000
Lot..... NO DSC 6LC33
Reason.....
Narrative..... EXPLO SYSTEMS LLC
Date..... 4/11/11 Week... 15 Period... 04
Time..... 12:27:58
Screen..... QPADEV0215
User..... MONICAG

F3=Exit F12=Previous

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

66088

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, by said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry the same to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Expro Systems, Inc. 1600 Java Road Minden, LA 71055 Shipper's No. 3018 Shipping Date 3/31/11 Purchase Order No. By R/R / NEI Freight Charges: Collect XXX Prepaid Location No.

(Mail or Street Address of Consignee - For purposes of notification only) Consigned to Austin Powdered Destination 7LC-10 Blandy Rd. State EAST CAMDEN, ARK 71701 Charge Account of 870-574-0580 Customer P.O. No. 11021 Rel. No.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten entries for UN2393, H-6, 20 PT'S, and weight information.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Expro Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (318) 382-8700 I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition. Received By [Signature] Date 3/31/11

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Rec'd 12

Shipper No. GABT038-3A

Carrier No. 220898

R & R TRUCKING

Page 1 of 1

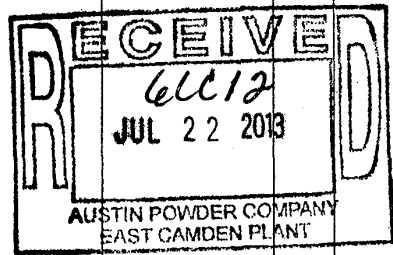
(Name of carrier)

Date _____

TO: *AIRTEL*
 Consignee: Austin Star Detonator *P119161*
 Street: Highland Industrial Park *9114 234871*
 City, State, Zip Code: East Camden, AR 71711
 FROM: Shipper: Paramount Enterprises International, Inc.
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: 7810012 Seal Number: 820782

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b bxs on 3 plts	X	UN0226, <i>(10679)</i> Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II EX- 9310161 Net: 1,350 kgs <i>2976 lbs</i> <i>Monica Kelly 7/24/12</i> <i>Monica Kelly</i>	Gwt: 4,079 Gwt: 1,850	lbs kgs		



PLACARDS TENDERED: YES NO 24 Hr Number and ERAP 2-1684-001 1-888-922-3330

<p><small>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"</small></p> <p><small>(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.</small></p> <p><small>(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p style="text-align: right;"><i>Chas P. Selig</i> Signature</p>	<p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;">(Signature of Consignor)</p>	<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p>FREIGHT CHARGES <small>FREIGHT PREPAID except when box at right is checked</small> <input type="checkbox"/> <small>Check box if charges are to be collect</small></p>
---	---	---	--

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

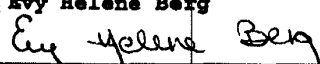
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: R & R Trucking

PER: *Chas P. Selig* PER: _____

DATE: _____

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials Engeneveien 7, N-3475 Sætre Norway		Reference number(s)	
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. MV Annare		Port of loading Varberg	
Port of discharge Grande Anse		(Reserved for text, instructions or other matter) Emergency telephone numbers: +47 32 27 86 00/+47 952 11 925	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C.c.c)***, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.*** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted with not less than 15% water by mass. Imco-class:1.1D EmS No.:F-B 3 PLL/90 Fibreboard boxes HMX C1.5 sh	Gross mass (kg), net quantity/mass** 1350 kg Net weight explosives 1350 kg 1850 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Sætre, 20.06.13 Signature on behalf of shipper Evy Helene Berg 	

DGD / www.proterea.com



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 1 (4)

HMX, Octogen

1. IDENTIFICATION OF THE SUBSTANCE / AND THE COMPANY

Product name : HMX, Octogen, all classes and types.
Chemical name : Cyclotetramethylene-tetranitramin
Producer/supplier : Chemring Nobel AS, High Energy Materials
Address : Engenevn.7, N-3475 Saetre, Norway.
Telephone -Telefax : +47 3227 8600 - +47 3227 8641

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name:	Formula:	CAS-No.:	Einecs No.	Contents:	Warning symbols:	R-phrases:
HMX	$C_4H_8O_8N_8$	2691-41-0	220-260-0	98-100 %	E Xn	2, 22, 52/53
RDX	$C_3H_6O_6N_6$	121-82-4	204-500-1	0-2 %	E T	2, 25, 52/53

Key to the symbols: T+: Very toxic, T: Toxic, C: Corrosive, Xn: Harmful, Xi: Irritant, E: Explosive, O: Oxidising, F+: Extremely flammable, F: Highly flammable, N: Environmentally dangerous.

3. HAZARDS IDENTIFICATION

Health risk: Harmful

Fire and explosions hazards: Explosive
Risk of explosion by shock, friction, fire or other sources of ignition.



Environment: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

General:

Remove the patient from the source of exposure immediately. Normal first aid. Keep calm and warm in fresh air. If unconsciousness, loosen tight-fitting clothes and place in a stable side lying position. If breathing has stopped, give artificial respiration aid and when no pulse, give heart compression. SEEK MEDICAL ATTENTION.

Ingestion:

Conscious people: Induce vomiting (a finger in the throat or large quantities of milk).
Unconscious people: Immediately to the hospital.

Skin: Contaminated clothing to be removed. Wash with soap and water.

Eyes: Flush immediately with water for at least 15 minutes. Obtain medical aid if irritation persists.

Information to medical personnel:

The information regarding the toxicity of HMX is limited. Convulsions and loss of consciousness have been reported from exposure to RDX dust, but not from HMX.



U.S. Department of Transportation
Research and Special Programs Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by H. Theigen on behalf of Dyno Industrier A.S., N-3475, Saetre, Norway, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310162	FBXN - 3
✓ EX-9310163	FBXN - 5

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), wetted, UN0226

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310161	HMX, Vannfuktet

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. PNEA037-1

Carrier No. 217529

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Star Detonator

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 1080 Military Turnpike

Street: Highland Industrial Park

City, State, Zip Code: Ville de La Baie, QC Canada

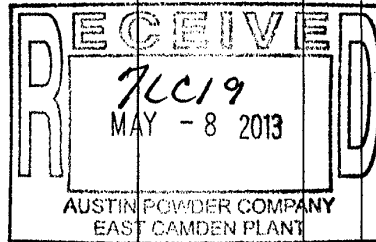
1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: STOP 1 Vehicle Number: _____ Trailer Number: 17731 Seal Number: 4665327

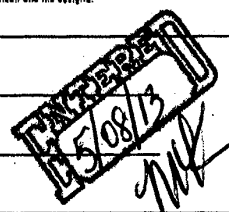
No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b bxs on 3 plats	X	<p>P119161 grn# 231796</p> <p>UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II (10679) EX- 9310161 Neq: 1,350 kgs</p> <p style="font-size: 1.2em; font-family: cursive;">Monica Kelly Monica Kelly 5/08/13</p>	<p>Gwt: 4,079 lbs Gwt: 1,850 kgs</p>			



<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 300, Bill of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without occurrence on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;">_____ (Signature of Consignee)</p>
	<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p>FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collected <input type="checkbox"/> are to be collected <input type="checkbox"/></p>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, numbered, and classified as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: R & R Trucking
PER: <i>Ch P Selge</i>	PER:
	DATE:



DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials Engeneveien 7; N-3475 Satre Norway		Reference number(s) 	
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier 	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer 	
Ship's name and voyage No. MV Anmare		Port of loading Varberg	
Port of discharge Grande Anse		(Reserved for text, instructions or other matter) Emergency telephone numbers: +47 32 27 86 00/+47 952 11 925	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMDG hazard class/division, UN Number, packaging group (where assigned)**; flashpoint (in °C c.c.)**, control and emergency temperatures**; identification of the goods as MARINE POLLUTANT**; EmS No. and MFAG table No.** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted with not less than 15% water by mass. Imco-class: 1.1D Ems No.: F-B 3 PLL/ 90 fibreboard boxes HMX cl 5	Gross mass (kg), net quantity/ mass** 1350 kg Net weight explosives 1350 kg 1850 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required			
ADDITIONAL INFORMATION: In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Satre, 18.04.13 Signature on behalf of shipper Evy Helene Berg 	

DSD / www.proferia.com



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-289-0352 Fax: 1-304-616-4401	LICENSE/PERMIT NUMBER 5-TX-061-23-4D-11404
		EXPIRATION DATE April 1, 2014

NAME: **AUSTIN STAR DETONATOR CO INC** Premises Address: **CHANGES? You must notify the FELC at least 10 days before the move**
901 CANTU ROAD
BROWNSVILLE, TX 78521-9200

TYPE OF LICENSE OR PERMIT: **23-IMPORTER OF HIGH EXPLOSIVES**

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC): *Christopher R. Reeves*
 Christopher R. Reeves

PURCHASING CERTIFICATION: I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.

Mailing Address: **CHANGES? You must notify the FELC at least 10 days before the change**
AUSTIN STAR DETONATOR CO INC
901 CANTU ROAD
BROWNSVILLE, TX 78521-9200

(SIGNATURE OF LICENSEE/PERMITTEE)

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

1.10 420226



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 1 (4)

HMX, Octogen

1. IDENTIFICATION OF THE SUBSTANCE / AND THE COMPANY

Product name : HMX, Octogen, all classes and types.
Chemical name : Cyclotetramethylene-tetranitramin
Producer/supplier : Chemring Nobel AS, High Energy Materials
Address : Engenevn.7, N-3475 Saetre, Norway.
Telephone -Telefax : +47 3227 8600 - +47 3227 8641

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name:	Formula:	CAS-No.:	Einecs No.	Contents:	Warning symbols:	R-phrases:
HMX	$C_4H_8O_8N_8$	2691-41-0	220-260-0	98-100 %	E Xn	2, 22, 52/53
RDX	$C_3H_6O_6N_6$	121-82-4	204-500-1	0-2 %	E T	2, 25, 52/53

Key to the symbols: T+: Very toxic, T: Toxic, C: Corrosive, Xn: Harmful, Xi: Irritant, E: Explosive, O: Oxidising, F+: Extremely flammable, F: Highly flammable, N: Environmentally dangerous.

3. HAZARDS IDENTIFICATION

Health risk: Harmful

Fire and explosions hazards: Explosive

Risk of explosion by shock, friction, fire or other sources of ignition.



Environment: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

4. FIRST AID MEASURES

General:

Remove the patient from the source of exposure immediately. Normal first aid. Keep calm and warm in fresh air. If unconsciousness, loos tight-fitting clothes and place in a stable side lying position. If breathing has stopped, give artificial respiration aid and when no pulse, give hearth compression. SEEK MEDICAL ATTENTION.

Ingestion:

Conscious people: Induce vomiting (a finger in the throath or large quantities of milk).
Unconscious people: Immediately to the hospital.

Skin: Contaminated clothing to be removed. Wash with soap and water.

Eyes: Flush immediately with water for at least 15 minutes. Obtain medical aid if irritation persists.

Information to medical personnel:

The information regarding the toxicity of HMX is limited. Convulsions and loss of consciousness have been reported from exposure to RDX dust, but not from HMX.



High Energy Materials

Date of issue: 16.08.2007

DOC. No.: 103b

Page 2 (4)

MATERIAL SAFETY DATA SHEET

HMX, Octogen

5. FIRE-FIGHTING MEASURES

Fire in explosives:

- Do not attempt to extinguish the fire, as an explosion may occur.
- Immediate evacuate the area and contact the fire service.
- In case of fire and/or explosion, do not breath fumes.

6. ACCIDENTAL RELEASE MEASURED

Spill of the product must be removed with an aluminium- or wooden spade and stored in suitable containers. Rinse with water. Destruction by burning.

National regulations for handling explosives must be followed.

7. HANDLING AND STORAGE

Handling:

Risk of explosion by shock, friction, fire or other sources of ignition. Handle with care.

All handling as far as possible in protected systems. Keep containers well closed when not in use. Avoid breathing of dust or skin contact. Change HMX-contaminated clothes. Be careful with the personal hygiene.

Storage:

Stored in tight closed containers and only in places approved for explosives. Smoking and use of open fire near explosives is prohibited.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HTP values:	OSHA PEL	ACGIH TLV:	Other limits:
HMX : No data.			
RDX (skin):	1.5 mg/m ³	0.5 mg/m ³	STEL 3 mg/m ³

General equipment: Eye-flush possibility.

Breath protection: Use dust filter mask when risk of dust. Filter P2.

Eye protection: Use safety glasses when handling HMX.

Hand protection: Protective gloves shall be used.

Skin protection: Flame- and static protected clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Powder
Colour: White

Density:
Bulk density:

Ca. 1.9 g/cm³
Ca. 1.0 g/cm³



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 3 (4)

HMX, Octogen

Odour: No odour
Decomposition temp. Ca. 280°C
Melting point: See decomp. temperature
Soluble in water: No

10. STABILITY AND REACTIVITY

Impact, friction, electrostatic spark, open fire or other sources of ignition can lead to explosion. Burning of large amount can lead to explosion. Heating under confinement can lead to explosion.

11. TOXICOLOGICAL INFORMATION

HMX, oral mouse, LD₅₀ : 1500 mg/kg
HMX, oral rat, LD₅₀ : 6200 mg/kg

General: Human health effects have not been described. On the basis of the rat oral LD₅₀ HMX should be considered only slightly toxic to humans. It is assumed that HMX is less toxic than RDX, but may exhibit similar effects.

Inhalation: Slight irritation. By inhalation, HMX may be absorbed in the body.

Skin: Slight irritation. HMX may be absorbed through the skin.

Eyes: Slight irritation to eyes.

12. ECOLOGICAL INFORMATION

No test data on HMX, data on the similar compound RDX, is therefore given:

Microtox (mg/l, LC ₅₀)/mg/l, EC ₅₀	65 mg/l, EC ₅₀
Mobility	-
Degradation	BOD ₇ : 0.02g/g, COD: 0.35 g/g, BOD ₇ /COD: 0.057
Bioaccumulation	Log Pow = 1.62.
Toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Explosion risk. Small quantities of HMX may be destructed by burning.

National regulations for handling explosives must be followed.



High Energy Materials

MATERIAL SAFETY DATA SHEET

Date of issue: 16.08.2007 DOC. No.: 103b Page 4 (4)

HMX, Octogen

14. TRANSPORT CONSIDERATIONS

General:

The packing (cardboardbox/drum) is signed with explosion label tradename, UN-number, lot and chargenumber, production month/year, net- and grossweight and transport class. The cardboardbox/drum is type proved according to UN Transport of Dangerous Goods.

UN No.: 0226

Transport Classification code:

Land (ADR/RID) : 1.1D
Sea (IMDG) : 1.1D
Air (ICAO/LATA): Not allowed

Packing regulations

P112(a) PP45 MP20

15. REGULATORY INFORMATION

Classification:

Harmful, Explosive, Environmentally dangerous

Possible symbols on user packings
(not mandatory on explosives)



Label on transport packing:

Diamond label, Explosive class 1. (RID 1+15)

Risk phrases:

R-2 Risk of explosion by shock, friction, fire or other sources of ignition.
R-22 Harmful if swallowed.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:

S-22 Do not breathe dust.
S-35 This material and its container must be disposed of in a safe way.

16. OTHER INFORMATION

Prepared by: Richard Gjersøe

Superseding safety data sheet dated: 22.05.07. Revisions are marked in right margin.

References:

Sax & Lewis, Dangerous Properties of Industrial Materials, Seventh Edition, Volume II.

G. Reddy*, J.A. Cuthbert, K.J. D'Arcy-Burt, S.M.A. Carr and A.B. Wilson *U.S. Army Biomedical Research and Development, Fort Detrick, Frederick, Maryland 21701, and Inveresk Research International Ltd., Musselburgh, Scotland, "Determination of acute mammalian toxicity of HMX (octahydro-1, 3, 5, 7-teranitro-1, 3, 5, 7-tetrazocine)".

Users notes:



U.S. Department of Transportation
Research and Special Programs Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by H. Theigen on behalf of Dyno Industrier A.S., N-3475, Saetra, Norway, the following items are classed in accordance with Section 173.86, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

✓ EX-9310162 FBXN - 3

V EX-9310163 FBXN - 5

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), wetted, UN0226

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER PRODUCT DESIGNATION/PART NUMBER

✓ EX-9310161 HMX, Vannfuktet

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT4043SL

Carrier No. 212650

Page 1 of 1

R & R TRUCKING

Date 2013.02.11

(Name of carrier)

TO:
Consignee: **Austin Star Detonator Company**

FROM:
Shipper: **Paramount Enterprises Int'l**

Street: **1080 Military Turnpike**

Street: **Highland Industrial Park**

City, State, Zip Code: **Plattsburgh, NY 12901**

City, State, Zip Code: **East Camden, AR 71701**

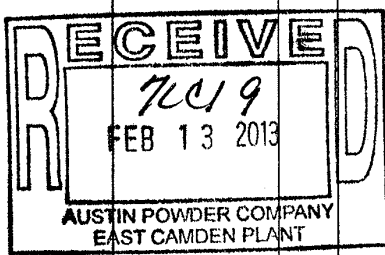
800-424-9300 - Chemtrec / USA

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

*P119161
qfn# 228489*

Route: **STOP 2** Vehicle Number: 6333 Trailer Number: 7810128 Seal Number: 4665368

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b bxs on 3 pils	X	UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II EX- 9310161 Neq: 1,350 kgs	Gwt: 4,123 Gwt: 1,870	lbs kgs		
		POC Phorest Bradshaw 870-818-1276				



PLACARDS TENDERED: YES NO

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
[Signature] Signature

24 Hr Number and ERAP

COD

Amt: \$

C.O.D. FEE:
PREPAID
COLLECT

TOTAL CHARGES \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse to the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collected
except when box at right is checked are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion at said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.


SHIPPER:

CARRIER: **R and R Trucking**

PER: *[Signature]*

PER: *[Signature]* **SL & C**

DATE: **2013.02.11**

Shipper Chemring Nobel AS High Energy Materials Engeneveian 7, N-3475 Satre Norway		Reference number(s)	
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7.		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. Seoul Express		Port of loading Rotterdam	
Port of discharge Halifax		(Reserved for text, instructions or other matter) Emergency telephone numbers: +47 32 27 86 00/+47 952 11 925	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**; flashpoint (in °C cc)**; control and emergency temperatures**; identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted with not less than 15% water by mass Imco-class:1.1D Ems No.:F-B 3 PLL/90 fibreboard boxes HMX Cl.5	Gross mass (kg), net quantity/mass** 1350 kg Net weight explosives 1350 kg 1870 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
<small>*Synonyms should not be used. Proprietary/trade names alone are not sufficient, if applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required</small>			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Satre, 23.01.13 Signature on behalf of shipper Evy Helene Berg 	

DGD / www.proletia.com

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3991SL

Carrier No. 207023

Page 1 of 1

R & R TRUCKING

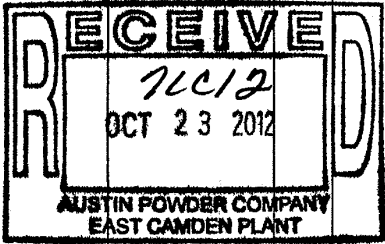
Date _____

(Name of carrier)

TO: Shipper: Paramount Enterprises Int'l P112817
 Consignee: Austin Star Detonator CO. Street: 1080 Military Turnpike qrn# 225096
 Street: 7- LC Blandy Road City, State, Zip Code: Plattsburgh, NY 12901
 City, State, Zip Code: East Camden, AR 71707 24 hr. Emergency Contact Tel. No.: 800-424-9300 - Chemtrec / USA
 USA Customer No: 16745

Route: **FINAL** Vehicle Number: _____ Trailer Number: 7810121 Seal Number: 4665676

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
✓ 30 f/b bxs on 1 plt	X	UN0226, (10679) Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II EX- 9310161 Neq: 450 kgs 992.07 lbs	Gwt: 1,367 Gwt: 620	lbs kgs		



Monica Kelly 10/23/12

PLACARDS TENDERED: YES NO 24 Hr Number and ERAP

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 300, Bill of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Selge Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)


C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if an its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of and on any st, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: R & R Trucking
 PER: *Ch P Selge* PER: _____
 DATE: _____

Shipper Chemring Nobel AS High Energy Materials Engenevaien 7, N-3475 Batre Norway		Reference number(s) 	
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier 	
Consider packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.2.2 or 17.7.7.		Name/status, company/organization of signatory 	
TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Place and date 	
Signature on behalf of packer 			
Ship's name and voyage No. Stubbjatt Express		Port of loading Rotterdam	
Port of discharge Halifax		(Reserved for text, instructions or other matter) Emergency telephone numbers: + 47 32 27 86 00 / + 47 952 11 928	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name ¹ IMO hazard class/division; UN Number, packaging group (where assigned) ² ; flashpoint (in °C or °F) ³ ; control and emergency temperatures ⁴ ; identification of the goods as: MARINE POLLUTANT ⁵ ; EmS No. and NFPA label No. ⁶ UN 0226 Cyclotetramethylenetetranitramine (EMX), Wetted with not less than 15% water by mass Imco-class: 1.1D EmS No.: F-E 1 p11/ 30 fibreboard boxes EMX c1.5	Gross mass (kg); net quantity/mass ⁷ 450 kg Net weight explosives 450 kg 620 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed (Insert "C" in appropriate box) (This column may be left empty apart from the heading, in which case insert appropriate description)
<small>¹Synonyms should not be used. Proprietary trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ²When required in 9.3 of the General Introduction to the IMDG Code. ³When required</small>			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 6.8.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS	
		Place and date Batre, 05.10.12	
		Signature on behalf of shipper Evy Helene Berg 	

DDG / www.primis.com

DATE: 10.23.12

INVENTORIED BY:

PRODUCT	NUMBER OF CASES	AMOUNT PER CASE	TOTAL
HMA	30	15kg	992.07

SIGNATURE OF INVENTORY

1. Courtney Rogers

2. Melinda Williams

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3991SL

Carrier No. 207023

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises Int'l
 TO: Consignee: Austin Star Detonator CO.
 Street: 1080 Military Turnpike
 Street: 7- LC Blandy Road
 City, State, Zip Code: Plattsburgh, NY 12901
 City, State, Zip Code: East Camden, AR 71707
 24 hr. Emergency Contact Tel. No.: 800-424-9300 - Chemtec / USA
 USA Customer No: 16745

Route: **FINAL** Vehicle Number: _____ Trailer Number: 7810121 Seal Number: 4665676

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
✓ 30 f/b bxs on 1 plt	X	UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II EX- 9310161 Netq: 450 kgs 992.07 lbs	Gwt: 1,367 Gwt: 620	1,367 lbs 620 kgs		<div style="text-align: right; font-size: 1.2em; font-weight: bold;">P112817</div> <div style="text-align: right; font-size: 1.2em; font-weight: bold;">QIN# 225096</div> <div style="text-align: center; border: 2px solid black; padding: 5px; margin: 10px 0;"> RECEIVED 7612 OCT 23 2012 AUSTIN POWDER COMPANY EAST CAMDEN PLANT </div>

Monica Kelley 10/23/12

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP

Note: (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NMFC item 172.
 (3) Commodity requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 145, Rule of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature: Monica Kelley Signature: _____
 (Signature of Consignor)

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor and shipper agree to the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD Amt: \$ _____ G.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and labels in effect on the date of issue of this Bill of Lading, the property described above in accordance with the special or stated conditions and conditions of packages, marks, names, markings, and labels as indicated above which and under the word carrier being understood throughout this contract as meaning any person in possession of the property under the conditions herein to carry to the usual place of delivery or usual destination, if on its route, otherwise to deliver to another center on the route to such destination. It is hereby agreed as to each letter of all of any of such property over all or any portion of said route to destination and as to each party at any time released in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the new terms and conditions on lading signed on by the carrier and accepts for himself and his agents.

SHIPPER: _____ **CARRIER:** R & R Trucking

PER: Monica Kelley **PER:** _____

DATE: _____ **DATE:** _____

P118817

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA055-2

Carrier No. 202061

Page 1 of 1

R & R TRUCKING

(Name of carrier)

Date _____

TO:
Consignee: **Austin Star Detonator**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7- LC Blandy Road**

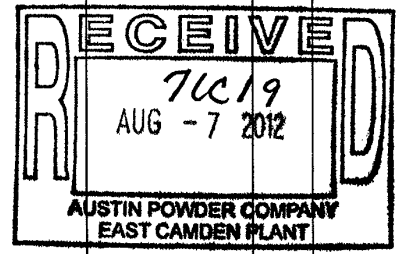
City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)

City, State, Zip Code: **East Camden, AR 71707**

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: **FINAL** Vehicle Number: _____ Trailer Number: 7810142 Seal Number: 4665634

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
60 f/b bxs on 2 plts	X	<p>grn # 222205</p> <p>UN0226, Cyclotetramethylenetetranitramine, HMX, Wetted, 1.1D, PG II EX- 9310161 Neq: 900 kgs 1,984.140 lbs</p> <p><i>Monica Kelly</i> <i>Monica Kelly</i></p> <p>EMERGENCY 8/08/12 <i>MSK</i></p>	Gwt: 2,756 Gwt: 1,250	lbs kgs		



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of this property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P. Selzer Signature

24 Hr Number and ERAP

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

PER: *Chas P. Selzer*

CARRIER: **R & R Trucking**

PER: *Chas P. Selzer*

DATE: 8/5/12

DANGEROUS GOODS DECLARATION

Shipper 991191984 Chemring Nobel AS High Energy Materials Engeneveien 7, N-3475 Setre Norway		Reference number(s) 		
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier 		
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer		
Ship's name and voyage No. MV Anniro	Port of loading Varberg	(Reserved for text, instructions or other matter) Emergency telephone numbers: + 47 32 27 86 00 / + 47 952 11 925		
Port of discharge Grande Anse	Marks & Nos. If applicable, identification or registration number(s) of the unit ADR			
Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C c.c)***, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, Ems No, and MFAG table No.*** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted Imco-class:1.1D Ems No.:F-B 2p11/60 fibreboard boxes HMX Cl.5 Sht		Gross mass (kg), net quantity/mass** 900 kg Net weight explosives 900 kg 1250 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required				
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1				
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Setre, 17.07.2012 Signature on behalf of shipper Evy Helene Berg 		

DGD / www.proteris.com

HMX CLASS 5

8/07/12
7019

2 @ 30 = 60 x 15 kg 1984, 14

P 114644
gr # 220986

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA049-5

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

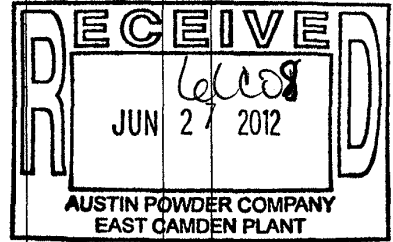
(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc
 TO: Consignee: Austin Star Detonator Company
 Street: 7- LC Blandy Road
 City, State, Zip Code: East Camden, AR 71701

Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
480 f/b bxs on 20 plts	X	<p>6608</p> <p>UN0483, Hexogen, RDX, Desensitized, 1.1D, PG II EX- 9603032 Neq: 10,886.4 kgs</p> <p>24,000 lbs</p> <p>POC: Monica & Roger 870-574-0580</p> <p><i>Monica Kelly</i> <i>Monica Kelly 6/27/12</i></p>	Gwt: 26,177 Gwt: 11,874	lbs kgs		



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFZ Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chris Aregood (Signature of Consignor)

24 Hr Number and ERAP

COD Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$
 FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classification and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted hereon, and condition of contents at package unknown, marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, and to deliver to another carrier on the route to said destination, it is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his consignee.

SHIPPER: _____ CARRIER: R & R Trucking
 PER: *Chris Aregood* PER: *Chris Aregood*
 DATE: 6-27-12

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GABT049-5

Carrier No. 199325

Page 1 of 1

R & R TRUCKING

Date _____


(Name of carrier)



TO:
 Consignee: **Austin Star Detonator**
 Street: **901 Cantu Road**
 City, State, Zip Code: **Brownsville, TX 78520**

FROM:
 Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: 10475 Seal Number: 4665614

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
480 f/b bxs on 20 plts	X	UN0483, Hexogen, RDX, Desensitized, 1.1D, PG II EX- 9603032 Neq: 10,886.4 kgs	Gwt: 26,177 Gwt: 11,874	lbs kgs		

PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/>		24 Hr Number and ERAP	
Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.	I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	COD Amt: \$ _____	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described herein in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and of other lawful charges.	
Signature:  _____ (Signature of Consignor)		TOTAL CHARGES \$ _____ FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect except when box at right is checked <input type="checkbox"/>	

SHIPPER:	CARRIER: R & R Trucking
PER: 	PER: 
	DATE: _____

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB		2 Transport document number		
SE-691 86 KARLSKOGA Sweden		3 Page 1 of 1 pages		4 Shipper's reference 20120404
		5 Freight Forwarder's reference		
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT		
78520 BROWNSVILLE, TX USA Notify party		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.		
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)		
10 Vessel/flight No. and date MV ANMARE		ERAP 2-1684-001 CA 24-hour emergency phone No. ERAP #1-888-922 33 30 CA CHEMTREC: #1-800-42493 00 US Emergency Telephone No. +46 586 830 50		
11 Port/place of loading VARBERG/SE		12 Port/place of discharge GRANDE ANSE/QC		
13 Destination BROWNSVILLE, TX		14 Shipping Marks * Number and kind of packages; description of goods CONSIGNEE UN 0483, HEXOGEN, RDX, DESENSITIZED PO DO018887 CLASS 1.1D NSH533 EmS: F-B, S-Y LOT 20122087 (B1000C) EX-9603032 480 FIBREBOARD BOXES ON 20 PALETTES		
		Gross Mass (kg)	Net Mass (kg)	Cube (m³)
		11874.400	10886.400	
NET EXPLOSIVE WEIGHT: 10,886.40 KG				
15 Container identification No./ vehicle registration No.		16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg)
19 Total Gross mass (including tare) (kg)				
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:		
20 Name of company EURENCO BOFORS AB		Hauler's name	22 Name of company (OF SHIPPER PREPARING THIS NOTE) EURENCO Bofors AB	
Name/Status of declarant /LOADER		Vehicle reg no.	Name/Status of declarant Birgitta Karlsson, Logistic Adm.	
Place and date KARLSKOGA 2012-05-31		Signature and date	Place and date KARLSKOGA 2012-05-31	
Signature of declarant		DRIVER'S SIGNATURE	Signature of declarant <i>Birgitta Karlsson</i>	

* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2.

SAFETY DATA SHEET

1 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

1.10 0403

1 PRODUCT IDENTIFICATION AND NAME OF THE COMPANY

Product name Hexogen, NSH533

Application Explosive

Manufacturer EURENCO Bofors AB
SE-691 86 KARLSKOGA
Tel: 0586-83050 Int. +46-568-83050
Fax: 0586-83310 Int. +46-586-83310

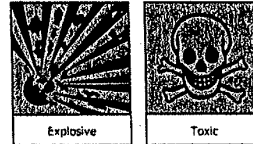
Emergency telephone number 0586-832 00, ERC +46-0(8)-33 70 43

2 COMPOSITION/IDENTITY INFORMATION

Hazardous Components	CAS-no	EINECS-no	%	Danger code	Risk phrases
Cyclotrimethylenetrinitramine	121-82-4	204-500-1	94-95	E, T	2-23/24/25
Cyclotetramethylenetetranitramine	2691-41-0	220-260-0	<4	E, Xn	2-20/21/22
Graphite	7782-42-5	231-955-3	<2	-	-
Wax	64742-42-3	265-144-0	<2	-	-

3 HAZARD IDENTIFICATION

Health hazard Risk of explosion by shock, fire or other sources of ignition
Toxic by inhalation, in contact with skin and if swallowed.



4 FIRST AID MEASURES

Inhalation Fresh air, rest and warmth. Rinse nose, mouth and throat with water. Call for a doctor if troubles remain.

Skin contact Take immediately off contaminated clothes/shoes. Wash with soap and water. Call for a doctor if troubles remain.

Eye contact Rinse carefully with water. Call for a doctor if troubles remain.

Ingestion Give a few glasses of milk or water if the person is fully conscious and try to cause vomiting. Rinse the mouth with water. Call for a doctor if troubles remain.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media Water sprinkler.

Extinguishing media not to be used Powdered extinguishing medium.

Dangerous breaking down-product / gases Nitrous fume.

Special protective equipment for fire-fighters Evacuate the area, fire can be transformed into detonation, don't attempt to extinguish.

6 ACCIDENTAL RELEASED MEASURES

Ordinary measure Sweep up and put into marked container.

SAFETY DATA SHEET

2 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Protective equipment for clearance personal Protective equipment in case of direct contact, such as protective gloves and clothes.

Environmental precautions Prevent the product from reaching the sewage system.

Collection- and clearance method Sweep up and put into marked container.

Unsuitable clearance method and absorb solvent -

Method for taking care of waste Burned at approved place. Note! That explosive can detonate.

7 HANDLING AND STORAGE

Ventilation with handling Well ventilated area if there is some contact with the product.

Equipment with handling The equipment shall suit to the explosive sensitivity.

Recommended temperature with handling Normal room temperature.

Equipment which not will be used with handling Equipment which cause static electricity.

Requirement for storage and packing To be stored in tight closing containers and only in places approved for explosives.

Unsuitable handling and storage method Handling and storage only according to valid code of laws and instruction.

Other rules and instruction Permission for storage shall be allowed the police. Keep in a way that ensures complete safety according handling and import of explosive products.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygienic limits Swedish limit is missing. Limits in USA: TWA 1,5 mg/m³

Method of measurement Measuring of dust can be done according (Swedish) Arbetsmiljöverkets Method series, no M1010. Sampling of total dust and respirable dust

Biological limits Swedish limit is missing.

Specific measure for reducing exposure Workplace and working methods shall be worked out so that direct contact with the product contact will be prevented.

Breathing protection By danger of inhalation of dust, use breathing protection with dustfilter P3.

Gloves Rubber gloves when it will become risk for direct contact.

Eye protection Protective glasses if there is some risk that the product can irritate the eyes.

Protective cloth and shoes Flame protection treated clothes and safety boots when working with the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical form Granule

Colour Grey

SAFETY DATA SHEET

4 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Toxicity to micro-organisms	Function is missing.
Mobility and allocation in the environmental	Function is missing.
The input products degradable into the environmental	Function is missing.
The input products degradable into the sewage	The product is sparingly degradable under aerobe conditions. BOD ₇ 0,020 g/g COD 0,35 g/g BOD ₇ /COD 0,06
Bioaccumulative	BCF: 4,7 Log Pow = 0,86
Data for the judge	Environment data, laboratory test, chemical products.

13 DISPOSAL CONSIDERATION

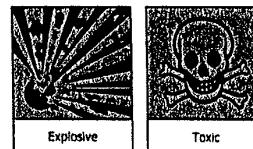
Take care off rest product	Handling as explosive waste, Not! explosion risk.
Take care off contaminated packaging	Container handling as dangerous goods.
Risks with waste handling	Rest of product can explode when combustion.
EWG-code	160403: Discard explosive.
Dangerous waste	Yes

14 TRANSPORT INFORMATION

FN/UN number	0483
Class ADR/RID, IMDG, IATA	1.1D
Proper shipping name	Cyclotrimethylentrinitramine (Cyclonite, Hexogen, RDX), desensitized
Packing group	II
Marine Pollutant	No
EMS number	F-B, S-Y
EX-number (DOT/USA)	EX-9603032
Other	

15 REGULATORY INFORMATION

Dangerous symbols with dangerous code E, Explosive
T, Toxic



SAFETY DATA SHEET

5 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Risk phrases	R2, Risk of explosion by chock, friction, fire or other sources of ignition. R23/24/25, Toxic by Inhalation, in contact with skin and if swallowed.
Safety phrases	S36/37, Wear suitable protective clothing and gloves. S45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Product name	Hexogen
Other regulations	Explosive legislation.
Limitation/restriction	Permit required for handling and storage.
Permission for transfer and handling	The law about flammable substance and explosive product. (Sweden) Ordinance about flammable substance and explosive product. (Sweden) Flammables and Explosives Department instruction about Permit regarding transfer of explosives.
Input product in EINECS /ELINCS	Yes
Other legislation	Safety adviser for dangerous goods. Law about transport of dangerous goods. Law and ordnance about manufacturing and sell of war material.

16 OTHER INFORMATION

R-phrased from point 2	R20/21/22, Harmful by inhalation, on contact with skin and if swallowed.
Training for handling	Yes.
References	CAMBREX KARLSKOGA AB environment data SAAB Bofors technical rapport.
Other	This safety data sheet is a revised edition according the new chemical rules. The informant in this SDS is based at our existing knowledge and is based too describe the product from safety point of view.



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Dianna L. Shade on behalf of D.A.T.E. International, Inc., 2700 Broening Highway, Suite 205, Baltimore, Maryland, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine, desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9603033 ✓	Octogen NSO 402

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized, UN0483.

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9603032 ✓	RDX/NSH 533

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, wetted, UN0072

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9603031 ✓	NSH 182

6LE08
Hexogen RDX
1/80 @ 50 LBS
2400 @ LBS

P108979

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3812SL

Carrier No. 184067

Page 1 of 1

R & R TRUCKING

Date 2011.10.13

(Name of carrier)

TO:
Consignee: **Austin Star Detonator CO.**

FROM:
Shipper: **Paramount Enterprises Int'l**

Street: **Highland Industrial Park**

Street: **1080 Military Turnpike**

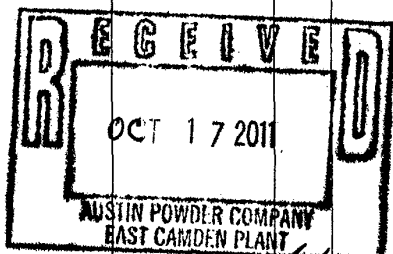
City, State, Zip Code: **East Camden, AR**

City, State, Zip Code: **Plattsburgh, NY 12901**

800-424-9300 - Chemtrec / USA

24 hr. Emergency Contact Tel. No.: **Customer No: 16745**

Route:		FINAL	Vehicle Number:	Trailer Number:	Seal Number:		
No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group		TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b drms on 3 plts 33,067/ lb case	X	QMN# 210018 UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D EX- 9310161 Neq: 1,350 kgs POC - Roger or Monica 870-574-0580 2976 lbs		Gwt: 4,012 Gwt: 1,820	lbs kgs		



Monica Kelly

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of this property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 210, B&E of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P. Selge Signature

24 Hr Number and ERAP

COD Amt: \$

COD FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions. If the shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 Freight Prepaid Collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of packages unknown), marked, consigned, and destined to indicated place which said carrier (the word carrier being understood throughout this document as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on the route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

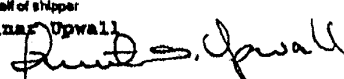
CARRIER: **R & R Trucking**

PER: *Chas P. Selge*

PER: *[Signature]*

DATE: 2011.10.13

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials Engeneveien 7, N-3475 Satre Norway		Reference number(s)	
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. MV Hoechst Express		Port of loading Rotterdam	
Port of discharge Halifax		(Reserved for text, instructions or other matter) Emergency telephone numbers: + 47 32 27 86 00 / + 47 952 11 925	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMDG hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C a.e)***, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, Ems No. and MFAG table No.*** UN 0226 Cyclotetramethylenetetranitramina (HMX), Watted Imco-class: 1.1D Ems No.: F-B 3 P11/90 fibreboard boxes HMX Cl.5	Gross mass (kg), net quantity/mass** 1350 kg Net weight explosives 1350 kg 1820 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required			
ADDITIONAL INFORMATION. In certain circumstances special information/verbood is required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Satre, 27.09.2011 Signature on behalf of shipper Knut Steina Opwall 	

Display Device : QPADEV02B7
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 10/18/11
10:11:23

Receipt into Stores Item Issue Units Displayed

Order No..... P108979

Advice note.. SHIPPER DT3812SL Order Class. 1 Stock Order-Tax Exempt

GRN No.. 210018 Stockroom... EC East Camden, AR

AUSTIN STAR DETONATOR INC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs

* Ref Lne	O/s	Qty	UoM	Order qty	Item	Supplier item ref
1	1	2976.000	LB	2976.000	10679	

Due 10/17/11 HMX (ASD)

Ref.. Qty.. UoM..?.. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

P108979



STRAIGHT BILL OF LADING ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3806SL

Carrier No. 183673

Page 14 SHIPPOWDER COMPANY EAST CAMDEN PLANT

R & R TRUCKING

Date 2011.10.06

(Name of carrier)

TO: grn# 210017
Consignee: Austin Star Detonator CO.

FROM: Shipper: Paramount Enterprises Int'l

Street: 1080 Military Turnpike

Street: Highland Industrial Park

City, State, Zip Code: Plattsburgh, NY 12901

City, State, Zip Code: East Camden, AR

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: Customer No.: 16745

Route: FINAL Vehicle Number: 6333 Trailer Number: 7810088 Seal Number: 4665886

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group	UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
72 f/b bxs on 3 plts	X	(06954) UN0150, PETN, Wetted, 1.1D, EX- 2003090154	Neq: 1,632.96 kgs 3600 lbs	Gwt: 5,126 Gwt: 2,325	lbs kgs		
352 f/b bxs on 15 plts	X	(12068) UN0483, Hexogen, RDX, Desensitized, 1.1D EX- 9603032	Neq: 7,983.36 kgs 17,600 lbs	Gwt: 19,017 Gwt: 8,626	lbs kgs		
48 f/b bxs on 2 plts 44.083 lbs / case	X	(00384) UN0226, Octogen, Wetted, 1.1D EX- 9407288	Neq: 960 kgs 2116 lbs	Gwt: 2,707 Gwt: 1,228	lbs kgs		

SEAL CHANGED @
NSAC INDIAN HEAD MD
BY Tim Dunder Tim GARNERL TO 2993078 BELT SEA

POC- Roger or Monica
870-574-0580

Monica Kelly
10/10/11

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP

Note: (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding per..."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not intend the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NIPCO Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labels/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature: [Handwritten Signature]

COD Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES
FREIGHT PREPAID except when box is right is checked Check box if charges are to be collect

RECEIVED, subject to the observations and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marks, origin, and condition as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or organization in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: R & R Trucking

PER:

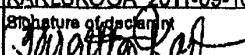
[Handwritten Signature]

PER:

[Handwritten Signature]

DATE: 2011.10.06

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB		2 Transport document number	
SE-601 B6 KARLSKOGA Sweden		3 Page 1 of 1 pages	4 Shipper's reference 20110604
		5 Freight Forwarder's reference	
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD 78520 BROWNSVILLE, TX USA Notify party		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT	
		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.	
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)	
10 Vessel/flight No. and date PARIS EXPRESS	11 Port/place of loading ROTTERDAM/NL	ERAP 2-1884-001 24-hour emergency No. ERAP #1-888-922.33.30.CA CHEMTREC: #1-800-424 93 00 US Emergency Telephone No. +46 586 830 50	
12 Port/place of discharge HALIFAX/NS	13 Destination BROWNSVILLE, TX		
14 Shipping Marks	* Number and kind of packages; description of goods	Gross Mass (kg)	Net Mass (kg) Cube (m³)
CONSIGNEE	UN 0150, PETN, WETTED, CLASS 1.1D		
S4234-2005	EmS: F-B,S-Y		
PO DO17780	(B1000C)		
NSP214	72 FIBREBOARD BOXES ON 3 PALLETS	2325.480	1632.960
LOT 20112146	NET EXPLOSIVE WEIGHT: 1,632.96 KG		
EX-2003090154			
15 Container identification No./ vehicle registration No.	16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg) 19 Total Gross mass (including tare) (kg)
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:	
20 Name of company EURENCO BOFORS AB Name/Status of declarant /LOADER Place and date KARLSKOGA 2011-09-16 Signature of declarant	Hauler's name Vehicle reg no. Signature and date DRIVER'S SIGNATURE	22 Name of company (OF SHIPPER PREPARING THIS NOTE) EURENCO Bofors AB Name/Status of declarant Birgitta Karlsson, Logistic Adm. Place and date KARLSKOGA 2011-09-16 Signature of declarant 	

* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2.

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB		2 Transport document number		
		3 Page 1 of 1 pages	4 Shipper's reference 20110903	
SE-691 86 KARLSKOGA Sweden		5 Freight Forwarder's reference		
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD 78520 BROWNSVILLE, TX USA Notify party		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.		
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR) ERAP 2-1684-001 24-hour emergency No. ERAP #1-888-922 33 30 CA CHEMTREC: #1-800-424 93 00 US Emergency Telephone No. +46 586 830 50		
10 Vessel/flight No. and date PARIS EXPRESS	11 Port/place of loading ROTTERDAM/NL	12 Port/place of discharge HALIFAX/NS	13 Destination BROWNSVILLE, TX	
14 Shipping Marks * Number and kind of packages; description of goods Gross Mass (kg) Net Mass (kg) Cube (m³)				
CONSIGNEE UN 0483, HEXOGEN, RDX, DESENSITIZED S4234-4051 CLASS 1,1D PO DO17780 EmS: F-B, S-Y NSH533 (B1000C) LOT 20112118, 352 FIBREBOARD BOXES ON 15 PALLETS 8825.560 7983.360 20112134 EX-9803032 NET EXPLOSIVE WEIGHT: 7,983.36 KG				
15 Container identification No./ vehicle registration No.		16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg)
19 Total Gross mass (including tare) (kg)				
20 Name of company EURENCO BOFORS AB Name/Status of declarant /LOADER Place and date KARLSKOGA 2011-09-16 Signature of declarant		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS: Haulier's name Vehicle reg no. Signature and date DRIVER'S SIGNATURE		22 Name of company (OF SHIPPER PREPARING THIS NOTE) EURENCO Bofors AB Name/Status of declarant Birgitta Karlsson, Logistic Adm. Place and date KARLSKOGA 2011-09-16 Signature of declarant

* DANGEROUS GOODS: YDU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2.

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB		2 Transport document number	
SE-891 86 KARLSKOGA Sweden		3 Page 1 of 1 pages	4 Shipper's reference 20110602
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD 78520 BROWNSVILLE, TX USA Notify party		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.	
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)	
10 Vessel/flight No. and date PARIS EXPRESS	11 Port/place of loading ROTTERDAM/NL	ERAP 2-1684-001 24-hour emergency No. ERAP #1-888-922 33 30 CA CHEMTREC:#1-800-424 93 00 US Emergency Telephone No. +46 588 830 50	
12 Port/place of discharge HALIFAX/NS	13 Destination BROWNSVILLE, TX		
14 Shipping Marks	* Number and kind of packages; description of goods	Gross Mass (kg)	Net Mass (kg) Cube (m³)
CONSIGNEE S4234-3770 PO DO 17780 NSO155 LOT 20113734 EX-9407288	UN 0226, OCTOGEN, WETTED, CLASS 1.1D EmS: F-B,S-Y (B1000C) 48 FIBREBOARD BOXES ON 2 PALLETS NET EXPLOSIVE WEIGHT: 960 KG	1228.240	960.000
15 Container identification No./ vehicle registration No.	16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg) 19 Total Gross mass (including tare) (kg)
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:	
20 Name of company EURENCO BOFORS AB Name/Status of declarant /LOADER Place and date KARLSKOGA 2011-09-16 Signature of declarant	Haulier's name Vehicle reg no. Signature and date	22 Name of company (OF SHIPPER PREPARING THIS NOTE) EURENCO Bofors AB Name/Status of declarant Birgitta Karlsson, Logistic Adm. Place and date KARLSKOGA 2011-09-16 Signature of declarant <i>Birgitta Karlsson</i>	

* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 6.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 6.4.2.

Display Device : QPADEV02B7
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 10/18/11
10:09:57

Receipt into Stores Item Issue Units Displayed

Order No..... F108979
Advice note.. SHIPPER DT3806SL Order Class. 1 Stock Order-Tax Exempt
GRN No.. 210017 Stockroom... EC East Camden, AR
AUSTIN STAR DETONATOR INC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs
* Ref Lne O/s Qty UoM Order qty Item Supplier item ref

1 1 2976.000 LB 2976.000 10679
Due 10/17/11 HMX (ASD)

2 2 .000 LB 3600.000 06954
Due 10/17/11 PETN - Argentina

3 3 .000 LB 17600.000 12068
Due 10/17/11 RDX - Cap Grade

Ref.. Qty.. UoM..?. Complete(0/1).. 0 +
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. DT3332SL

Carrier No. _____

Page 1 of 1

R & R TRUCKING

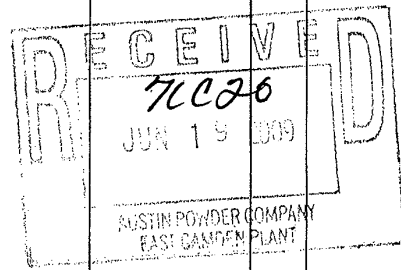
Date _____

(Name of carrier)

TO:
Consignee: **Austin Star**
Street: **Highland Industrial Park**
City, State, Zip Code: **East Camden, AR**

FROM:
Shipper: **Paramount Enterprises Int'l**
Street: **1080 Military Turnpike**
City, State, Zip Code: **Plattsburgh, NY 12901**
24 hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**

Route:		STOP # 3		Vehicle Number:	Trailer Number:	Seal Number:		
No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group			TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
67 f/b bxs on 3 plts	X	UN0226, Octogen, HMX, wetted, (00384) 1.1D, PG II EX- 9310161 Neq: 1,005 kgs 2216 lbs POC: Roger or Monica 870-574-0580 <i>gr A 0175180</i>			Gwt: 3,086 Gwt: 1,400	lbs kgs		



PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/>	24 Hr Number and ERAP
Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____" (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NIMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.	I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. _____ Signature
RECEIVED, subject to the classification and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the rating terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.	Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)
	COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____ TOTAL CHARGES \$ _____ FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/>

SHIPPER: Paramount Enterprises Int'l	CARRIER: R & R Trucking
PER: <i>R & R</i>	PER: _____
	DATE: _____

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials N-3475 SETRE Norge		Reference number(s)	
Consignee AUSTIN STAR DETONATOR COMPANY 901 CANTU ROAD BROWNSVILLE, TEXAS 78521 USA		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with IMDG Code, paragraph 5.4.2		Name/status, company/organization of signatory Place and date Signature on behalf of packer	
Ship's name and voyage No. Port of loading Rotterdam		(Reserved for text, instructions or other matter) Emergency No. + 4732278600 + 4795211925	
Port of discharge Malifan			
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C or °F), control and emergency temperature**, identification of the goods as MARINE POLLUTANT**, EmS No.** 3 P11 / 67 Fibreboard boxes EMX EMX (Octogene), Wetted IMCO-Class : 1.1D UN No. : 0226 EmS No. : F-B MFAG Table No.: 7.3	Gross mass (kg), net quantity/mass** 1400 kg 1005 kg Net weight explosives 1005 kg	Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in the IMDG Code, paragraph 5.4.1.4.3, 5.4.1.5.1 and 5.4.1.5.5. ***When required see paragraph 5.4.3.2			
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code Chapter 5.4			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.		Name/status, company/organization of signatory Chemring Nobel AS Place and date Setre, 29.05.2009 Signature on behalf of shipper <i>Knut Steinert Opwall</i>	

Display Device : QPADEV0175
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 6/19/09
15:06:41

Receipt into Stores Item Issue Units Displayed

Order No..... P090510
Advice note.. R&R DT3332SL Order Class. 1 Stock Order-Tax Exempt
GRN No.. 175180 Stockroom... EC East Camden, AR

AUSTIN STAR DETONATOR INC

1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs

* Ref Lne	O/s	Qty	UoM	Order qty	Item	Supplier item ref
1	1	2216.000	LB	2216.000	00384	

Due 6/19/09 Octogen - Cap Grade

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

MATERIAL SAFETY DATA SHEET

RDX, Desensitized
MSDS NO. 1001.004

HAZARD RATING: Health - 2 Flammability - 3 Reactivity - 4 Special - High Explosive

SECTION I - MANUFACTURE'S INFORMATION

Manufacture/Distributor Name:
Address: 5891 Highway 230 West, McElwain, IN 47101
Telephone Number: (931) 729-4207
Emergency Telephone Number: 1-800-255-3924
Date Prepared: 04/17/01 **Supercedes:** 11/29/99

SECTION II - CHEMICAL COMPOSITION

Component	CAS #	%	OSHA PEL	ACGIH TLV	Other Limits
RDX (cyclotrimethylene trinitramine; hexogen; cyclonite)	121-82-4	93% - 99.3%	n/a	0.5 mg/m ³ TWA skin	1.5 mg/m ³ NIOSH TWA 3.0 mg/m ³ STEL; skin
Desensitizing Wax (* These exposure limits are for paraffin wax fume, similar to this material)		0.7% - 5%	n/a	2 mg/m ³ *	2 mg/m ³ * NIOSH
Graphite	7782-42-5	0% - 2%	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fract)	2 mg/m ³ TWA	2.5 mg/m ³ (resp. dust) - NIOSH TWA
Calcium Stearate	1592-23-0	0% - 0.5%	n/a	n/a	n/a

NOTE: Hazard Class I, Division 1; SCC "D"

NOTE: Materials in this product are subject to the reporting requirements of SARA, Title III, Section 313 as follows:
None

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point: n/a
Specific Gravity: 1.8 (RDX)
Melting Point: RDX - 190^o-200^oC; Wax - 80^oC
Vapor Pressure (mm Hg): 4.08 X 10⁻⁴ @ 110^oC (RDX)
Vapor Density (Air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Solubility In Water: Insoluble
Appearance And Odor: Crystalline solid with color ranging from white to dark gray (depending on wax and/or graphite content); with no distinguishing odor

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point: n/a
Flammable Limits: LEL n/a UEL n/a
Extinguishing Media: water deluge
Special Fire Fighting Procedures:

Do not attempt to fight fires involving high explosives. Isolate area and immediately evacuate all personnel from the area to a safe distance using as much protective cover as possible.

Unusual Fire And Explosion Hazards:

HIGH EXPLOSIVE!! Burning of large quantities of high explosives may transition from deflagration to detonation with extremely violent results.

SECTION V - REACTIVITY/COMPATIBILITY DATA

Stability:

Stable under normal conditions. Avoid subjecting to heat, sparks, impact, friction, and electrostatic discharge.

Incompatibility (materials to avoid):

Avoid alkalis, acids, initiating explosives, and physical sensitizers such as glass, sand, and metal fragments.

Hazardous Decomposition Products:

During decomposition, emits toxic oxides of nitrogen.

Hazardous Polymerization:

Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes Of Entry:

Eye? Unlikely
Inhalation? Yes (dusting)
Skin? Yes (avoid skin contact)
Ingestion? Yes (improper personal hygiene practices)

Effects Of Over-Exposure:

Acute - Slight to serious effects
Chronic - Not fully known

Signs And Symptoms Of Exposure:

Can cause allergic skin reaction and eye irritation. Excessive exposure may cause convulsions, unconsciousness. Inhalation and ingestion can result in systemic poisoning, usually affecting the bone marrow and the liver.

Medical Conditions Generally Aggravated By Exposure:

Personnel should be in generally good health

Emergency First Aid Procedures:

Eye - Flush with water for 15 minutes. Remove contact lenses prior to flushing, if applicable. Get medical attention.
Inhalation - Remove to fresh air. Give oxygen if necessary. Get medical attention.
Skin - Wash with soap and warm water. Get medical attention for rash or irritation.
Ingestion - If conscious, drink large quantities of water and induce vomiting immediately. Contact a physician or Poison Control Center immediately.
Other - n/a

Carcinogenicity:

NTP? Not listed
IARC Monographs? Not listed
OSHA Regulated? Not listed

NOTE: Per EPA-C: cyclonite - possible human carcinogen

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Follow If Material Is Spilled Or Released:

Remove all sources of ignition. Avoid any and all situations which could initiate the material, such as friction, impact, heat, sparks, or electrostatic discharge. Wet down material with water. Sweep up spill with a soft bristle brush and a non-sparking pan or shovel. Place material in a properly labeled storage container and store in an approved storage magazine for further disposition.

Waste Disposal Method:

Dispose of in accordance with applicable local, state, and federal regulations.

Precautions To Be Taken In Handling And Storage:

Handle with care. Store only in authorized High Explosives magazine with compatible material and away from all sources of ignition and flammable materials. Do not store with Initiating (Primary) explosives.

Other Precautions:

Material should remain in original shipping container or equivalent for storage purposes.

SECTION VIII - PERSONAL PROTECTION INFORMATION

Respirator Protection (Specify Type):

Dust mask is recommended when handling dry material.

Ventilation:

Local Exhaust -	Hoods for dusty operations are recommended.
Mechanical (General) -	General ventilation necessary.
Special -	Dust collection system required if hoods are utilized.
Other -	n/a

Protective Gloves:

For prolonged or repeated skin contact, impervious gloves are recommended.

Eye Protection:

Safety glasses or goggles that meet or exceed ANSI Z87.1 (latest revision)

Other Protective Clothing Or Equipment:

Cotton clothing (including undergarments); cotton coveralls or lab coat; conductive-soled footwear

Work/Hygienic Practices:

Wash hands thoroughly after handling; daily clothing change; daily shower; no eating or drinking in exposed locations

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken:

CAUTION: High explosives are extremely dangerous. Only highly trained and qualified personnel should utilize this material. Explosives must be tested for compatibility with any materials which they contact. Clean up any spills of material immediately. Proper housekeeping techniques must be maintained to minimize the accumulation of explosive dust. Follow all safety regulations and precautions when handling, storing, or processing explosive material.

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MATERIAL SAFETY DATA SHEET

RDX, Desensitized
MSDS NO. 1001.004

HAZARD RATING: Health - 2 Flammability - 3 Reactivity - 4 Special - High Explosive

SECTION I - MANUFACTURE'S INFORMATION

Manufacture/Distributor Name:
Address: 5891 Highway 230 West, McEwen, TN 37101
Telephone Number: (931) 729-4207
Emergency Telephone Number: 1-800-255-3924
Date Prepared: 04/17/01 **Supercedes:** 11/29/99

SECTION II - CHEMICAL COMPOSITION

Component	CAS #	%	OSHA PEL	ACGIH TLV	Other Limits
RDX (cyclotrimethylene trinitramine; hexogen; cyclonite)	121-82-4	93% - 99.3%	n/a	0.5 mg/m ³ TWA skin	1.5 mg/m ³ NIOSH TWA 3.0 mg/m ³ STEL; skin
Desensitizing Wax (* These exposure limits are for para(fin wax fume, similar to this material)		0.7% - 5%	n/a	2 mg/m ³ *	2 mg/m ³ * NIOSH
Graphite	7782-42-5	0% - 2%	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fract)	2 mg/m ³ TWA	2.5 mg/m ³ (resp. dust) - NIOSH TWA
Calcium Stearate	1592-23-0	0% - 0.5%	n/a	n/a	n/a

NOTE: Hazard Class 1, Division 1; SCG "D"

NOTE: Materials in this product are subject to the reporting requirements of SARA, Title III, Section 313 as follows:
None

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point: n/a
Specific Gravity: 1.8 (RDX)
Melting Point: RDX - 190^o-200^oC; Wax - 80^oC
Vapor Pressure (mm Hg): 4.08 X 10⁻⁴ @ 110^oC (RDX)
Vapor Density (Air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Solubility In Water: Insoluble
Appearance And Odor: Crystalline solid with color ranging from white to dark gray (depending on wax and/or graphite content); with no distinguishing odor

MSDS NO. 1001.004 Page 1 of 3

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point: n/a
Flammable Limits: LEL n/a UEL n/a

Extinguishing Media: water deluge

Special Fire Fighting Procedures:

Do not attempt to fight fires involving high explosives. Isolate area and immediately evacuate all personnel from the area to a safe distance using as much protective cover as possible.

Unusual Fire And Explosion Hazards:

HIGH EXPLOSIVE!! Burning of large quantities of high explosives may transition from deflagration to detonation with extremely violent results.

SECTION V - REACTIVITY/COMPATIBILITY DATA

Stability:

Stable under normal conditions. Avoid subjecting to heat, sparks, impact, friction, and electrostatic discharge.

Incompatibility (materials to avoid):

Avoid alkalis, acids, initiating explosives, and physical sensitizers such as glass, sand, and metal fragments.

Hazardous Decomposition Products:

During decomposition, emits toxic oxides of nitrogen.

Hazardous Polymerization:

Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes Of Entry:

Eye? Unlikely
Inhalation? Yes (dusting)
Skin? Yes (avoid skin contact)
Ingestion? Yes (improper personal hygiene practices)

Effects Of Over-Exposure:

Acute - Slight to serious effects
Chronic - Not fully known

Signs And Symptoms Of Exposure:

Can cause allergic skin reaction and eye irritation. Excessive exposure may cause convulsions, unconsciousness. Inhalation and ingestion can result in systemic poisoning, usually affecting the bone marrow and the liver.

Medical Conditions Generally Aggravated By Exposure:

Personnel should be in generally good health

Emergency First Aid Procedures:

Eye - Flush with water for 15 minutes. Remove contact lenses prior to flushing, if applicable. Get medical attention.
Inhalation - Remove to fresh air. Give oxygen if necessary. Get medical attention.
Skin - Wash with soap and warm water. Get medical attention for rash or irritation.
Ingestion - If conscious, drink large quantities of water and induce vomiting immediately. Contact a physician or Poison Control Center immediately.
Other - n/a

Carcinogenicity:

NTP? Not listed
IARC Monographs? Not listed
OSHA Regulated? Not listed

NOTE: Per EPA-C: cyclonite - possible human carcinogen

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Follow If Material Is Spilled Or Released:

Remove all sources of ignition. Avoid any and all situations which could initiate the material, such as friction, impact, heat, sparks, or electrostatic discharge. Wet down material with water. Sweep up spill with a soft bristle brush and a non-sparking pan or shovel. Place material in a properly labeled storage container and store in an approved storage magazine for further disposition.

Waste Disposal Method:

Dispose of in accordance with applicable local, state, and federal regulations.

Precautions To Be Taken In Handling And Storage:

Handle with care. Store only in authorized High Explosives magazine with compatible material and away from all sources of ignition and flammable materials. Do not store with Initiating (Primary) explosives.

Other Precautions:

Material should remain in original shipping container or equivalent for storage purposes.

SECTION VIII - PERSONAL PROTECTION INFORMATION

Respirator Protection (Specify Type):

Dust mask is recommended when handling dry material.

Ventilation:

Local Exhaust -	Hoods for dusty operations are recommended.
Mechanical (General) -	General ventilation necessary.
Special -	Dust collection system required if hoods are utilized.
Other -	n/a

Protective Gloves:

For prolonged or repeated skin contact, impervious gloves are recommended.

Eye Protection:

Safety glasses or goggles that meet or exceed ANSI Z87.1 (latest revision)

Other Protective Clothing Or Equipment:

Cotton clothing (including undergarments); cotton coveralls or lab coat; conductive-soled footwear

Work/Hygienic Practices:

Wash hands thoroughly after handling; daily clothing change; daily shower; no eating or drinking in exposed locations

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken:

CAUTION: High explosives are extremely dangerous. Only highly trained and qualified personnel should utilize this material. Explosives must be tested for compatibility with any materials which they contact. Clean up any spills of material immediately. Proper housekeeping techniques must be maintained to minimize the accumulation of explosive dust. Follow all safety regulations and precautions when handling, storing, or processing explosive material.

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Accurate Energetic Systems, LLC

MATERIAL SAFETY DATA SHEET

RDX, Desensitized
MSDS NO. 1001.004

HAZARD RATING: Health - 2 Flammability - 3 Reactivity - 4 Special - High Explosive

SECTION I - MANUFACTURE'S INFORMATION

Manufacture/Distributor Name: Accurate Energetic Systems, LLC
Address: 5891 Highway 230 West, McEwen, TN 37101
Telephone Number: (931) 729-4207
Emergency Telephone Number: 1-800-255-3924
Date Prepared: 04/17/01 **Supersedes:** 11/29/99

SECTION II - CHEMICAL COMPOSITION

Component	CAS #	%	OSHA PEL	ACGIH TLV	Other Limits
RDX (cyclotrimethylene trinitramine; hexogen; cyclonite)	121-82-4	93% - 99.3%	n/a	0.5 mg/m ³ TWA skin	1.5 mg/m ³ NIOSH TWA 3.0 mg/m ³ STEL; skin
Desensitizing Wax (* These exposure limits are for paraffin wax fume, similar to this material)		0.7% - 5%	n/a	2 mg/m ³ *	2 mg/m ³ * NIOSH
Graphite	7782-42-5	0% - 2%	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fract)	2 mg/m ³ TWA	2.5 mg/m ³ (resp. dust) - NIOSH TWA
Calcium Stearate	1592-23-0	0% - 0.5%	n/a	n/a	n/a

NOTE: Hazard Class 1, Division 1; SCG "D"

NOTE: Materials in this product are subject to the reporting requirements of SARA, Title III, Section 313 as follows:
None

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point: n/a
Specific Gravity: 1.8 (RDX)
Melting Point: RDX - 190^o-200^oC; Wax - 80^oC
Vapor Pressure (mm Hg): 4.08 X 10⁻⁴ @ 110^oC (RDX)
Vapor Density (Air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Solubility In Water: Insoluble
Appearance And Odor: Crystalline solid with color ranging from white to dark gray (depending on wax and/or graphite content); with no distinguishing odor

MSDS NO. 1001.004 Page 1 of 3

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Follow If Material Is Spilled Or Released:

Remove all sources of ignition. Avoid any and all situations which could initiate the material, such as friction, impact, heat, sparks, or electrostatic discharge. Wet down material with water. Sweep up spill with a soft bristle brush and a non-sparking pan or shovel. Place material in a properly labeled storage container and store in an approved storage magazine for further disposition.

Waste Disposal Method:

Dispose of in accordance with applicable local, state, and federal regulations.

Precautions To Be Taken In Handling And Storage:

Handle with care. Store only in authorized High Explosives magazine with compatible material and away from all sources of ignition and flammable materials. Do not store with Initiating (Primary) explosives.

Other Precautions:

Material should remain in original shipping container or equivalent for storage purposes.

SECTION VIII - PERSONAL PROTECTION INFORMATION

Respirator Protection (Specify Type):

Dust mask is recommended when handling dry material.

Ventilation:

Local Exhaust -	Hoods for dusty operations are recommended.
Mechanical (General) -	General ventilation necessary.
Special -	Dust collection system required if hoods are utilized.
Other -	n/a

Protective Gloves:

For prolonged or repeated skin contact, impervious gloves are recommended.

Eye Protection:

Safety glasses or goggles that meet or exceed ANSI Z87.1 (latest revision)

Other Protective Clothing Or Equipment:

Cotton clothing (including undergarments); cotton coveralls or lab coat; conductive-soled footwear

Work/Hygienic Practices:

Wash hands thoroughly after handling; daily clothing change; daily shower; no eating or drinking in exposed locations

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken:

CAUTION: High explosives are extremely dangerous. Only highly trained and qualified personnel should utilize this material. Explosives must be tested for compatibility with any materials which they contact. Clean up any spills of material immediately. Proper housekeeping techniques must be maintained to minimize the accumulation of explosive dust. Follow all safety regulations and precautions when handling, storing, or processing explosive material.

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SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point: n/a
Flammable Limits: LEL n/a UEL n/a
Extinguishing Media: water deluge
Special Fire Fighting Procedures:

Do not attempt to fight fires involving high explosives. Isolate area and immediately evacuate all personnel from the area to a safe distance using as much protective cover as possible.

Unusual Fire And Explosion Hazards:

HIGH EXPLOSIVE!! Burning of large quantities of high explosives may transition from deflagration to detonation with extremely violent results.

SECTION V - REACTIVITY/COMPATIBILITY DATA

Stability:

Stable under normal conditions. Avoid subjecting to heat, sparks, impact, friction, and electrostatic discharge.

Incompatibility (materials to avoid):

Avoid alkalis, acids, initiating explosives, and physical sensitizers such as glass, sand, and metal fragments.

Hazardous Decomposition Products:

During decomposition, emits toxic oxides of nitrogen.

Hazardous Polymerization:

Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes Of Entry:

Eye? Unlikely
Inhalation? Yes (dusting)
Skin? Yes (avoid skin contact)
Ingestion? Yes (improper personal hygiene practices)

Effects Of Over-Exposure:

Acute - Slight to serious effects
Chronic - Not fully known

Signs And Symptoms Of Exposure:

Can cause allergic skin reaction and eye irritation. Excessive exposure may cause convulsions, unconsciousness. Inhalation and ingestion can result in systemic poisoning, usually affecting the bone marrow and the liver.

Medical Conditions Generally Aggravated By Exposure:

Personnel should be in generally good health

Emergency First Aid Procedures:

Eye - Flush with water for 15 minutes. Remove contact lenses prior to flushing, if applicable. Get medical attention.
Inhalation - Remove to fresh air. Give oxygen if necessary. Get medical attention.
Skin - Wash with soap and warm water. Get medical attention for rash or irritation.
Ingestion - If conscious, drink large quantities of water and induce vomiting immediately. Contact a physician or Poison Control Center immediately.
Other - n/a

Carcinogenicity:

NTP? Not listed
IARC Monographs? Not listed
OSHA Regulated? Not listed

NOTE: Per EPA-C: cyclonite - possible human carcinogen

Accurate Energetic Systems, LLC

MATERIAL SAFETY DATA SHEET

RDX, Desensitized
MSDS NO. 1001.004

HAZARD RATING: Health - 2 Flammability - 3 Reactivity - 4 Special - High Explosive

SECTION I - MANUFACTURE'S INFORMATION

Manufacture/Distributor Name: Accurate Energetic Systems, LLC
Address: 5891 Highway 230 West, McEwen, TN 37101
Telephone Number: (931) 729-4207
Emergency Telephone Number: 1-800-255-3924
Date Prepared: 04/17/01 **Supersedes:** 11/29/99

SECTION II - CHEMICAL COMPOSITION

Component	CAS #	%	OSHA PEL	ACGIH TLV	Other Limits
RDX (cyclotrimethylene trinitramine; hexogen; cyclonite)	121-82-4	93% - 99.3%	n/a	0.5 mg/m ³ TWA skin	1.5 mg/m ³ NIOSH TWA 3.0 mg/m ³ STEL; skin
Desensitizing Wax (* These exposure limits are for paraffin wax fume, similar to this material)		0.7% - 5%	n/a	2 mg/m ³ *	2 mg/dl ³ * NIOSH
Graphite	7782-42-5	0% - 2%	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fract)	2 mg/m ³ TWA	2.5 mg/m ³ (resp. dust) - NIOSH TWA
Calcium Stearate	1592-23-0	0% - 0.5%	n/a	n/a	n/a

NOTE: Hazard Class I, Division 1; SCG "D"

NOTE: Materials in this product are subject to the reporting requirements of SARA, Title III, Section 313 as follows:
None

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point: n/a
Specific Gravity: 1.8 (RDX)
Melting Point: RDX - 190^o-200^oC; Wax - 80^oC
Vapor Pressure (mm Hg): 4.08 X 10⁻⁴ @ 110^oC (RDX)
Vapor Density (Air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Solubility In Water: Insoluble
Appearance And Odor: Crystalline solid with color ranging from white to dark gray (depending on wax and/or graphite content); with no distinguishing odor

MSDS NO. 1001.004 Page 1 of 3

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point: n/a

Flammable Limits: LEL n/a UEL n/a

Extinguishing Media: water deluge

Special Fire Fighting Procedures:

Do not attempt to fight fires involving high explosives. Isolate area and immediately evacuate all personnel from the area to a safe distance using as much protective cover as possible.

Unusual Fire And Explosion Hazards:

HIGH EXPLOSIVE!! Burning of large quantities of high explosives may transition from deflagration to detonation with extremely violent results.

SECTION V - REACTIVITY/COMPATIBILITY DATA

Stability:

Stable under normal conditions. Avoid subjecting to heat, sparks, impact, friction, and electrostatic discharge.

Incompatibility (materials to avoid):

Avoid alkalis, acids, initiating explosives, and physical sensitizers such as glass, sand, and metal fragments.

Hazardous Decomposition Products:

During decomposition, emits toxic oxides of nitrogen.

Hazardous Polymerization:

Will not occur

SECTION VI - HEALTH HAZARD DATA

Routes Of Entry:

Eye? Unlikely
Inhalation? Yes (dusting)
Skin? Yes (avoid skin contact)
Ingestion? Yes (improper personal hygiene practices)

Effects Of Over-Exposure:

Acute - Slight to serious effects
Chronic - Not fully known

Signs And Symptoms Of Exposure:

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Medical Conditions Generally Aggravated By Exposure:

Personnel should be in generally good health

Emergency First Aid Procedures:

Eye - Flush with water for 15 minutes. Remove contact lenses prior to flushing, if applicable. Get medical attention.
Inhalation - Remove to fresh air. Give oxygen if necessary. Get medical attention.
Skin - Wash with soap and warm water. Get medical attention for rash or irritation.
Ingestion - If conscious, drink large quantities of water and induce vomiting immediately. Contact a physician or Poison Control Center immediately.
Other - n/a

Carcinogenicity:

NTP? Not listed
IARC Monographs? Not listed
OSHA Regulated? Not listed
NOTE: Per EPA-C: cyclonite - possible human carcinogen

SECTION IV - FIRE AND EXPLOSION HAZARDS

Flash Point: n/a

Flammable Limits: LEL n/a UEL n/a

Extinguishing Media: water deluge

Special Fire Fighting Procedures:

Do not attempt to fight fires involving high explosives. Isolate area and immediately evacuate all personnel from the area to a safe distance using as much protective cover as possible.

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Carcinogenicity:

NTP? Not listed
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Waste Disposal Method:

Dispose of in accordance with applicable local, state, and federal regulations.

Precautions To Be Taken In Handling And Storage:

Handle with care. Store only in authorized High Explosives magazine with compatible material and away from all sources of ignition and flammable materials. Do not store with Initiating (Primary) explosives.

Other Precautions:

Material should remain in original shipping container or equivalent for storage purposes.

SECTION VIII - PERSONAL PROTECTION INFORMATION

Respirator Protection (Specify Type):

Dust mask is recommended when handling dry material.

Ventilation:

Local Exhaust -	Hoods for dusty operations are recommended.
Mechanical (General) -	General ventilation necessary.
Special -	Dust collection system required if hoods are utilized.
Other -	n/a

Protective Gloves:

For prolonged or repeated skin contact, impervious gloves are recommended.

Eye Protection:

Safety glasses or goggles that meet or exceed ANSI Z87.1 (latest revision)

Other Protective Clothing Or Equipment:

Cotton clothing (including undergarments); cotton coveralls or lab coat; conductive-soled footwear

Work/Hygienic Practices:

Wash hands thoroughly after handling; daily clothing change; daily shower; no eating or drinking in exposed locations

SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken:

CAUTION: High explosives are extremely dangerous. Only highly trained and qualified personnel should utilize this material. Explosives must be tested for compatibility with any materials which they contact. Clean up any spills of material immediately. Proper housekeeping techniques must be maintained to minimize the accumulation of explosive dust. Follow all safety regulations and precautions when handling, storing, or processing explosive material.

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Accurate Energetic Systems, LLC

MATERIAL SAFETY DATA SHEET

RDX, Desensitized
MSDS NO. 1001.004

HAZARD RATING: Health - 2 Flammability - 3 Reactivity - 4 Special - High Explosive

SECTION I - MANUFACTURE'S INFORMATION

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Address: 5891 Highway 230 West, McEwen, TN 37101
Telephone Number: (931) 729-4207
Emergency Telephone Number: 1-800-255-3924
Date Prepared: 04/17/01 Supercedes: 11/29/99

SECTION II - CHEMICAL COMPOSITION

Component	CAS #	%	OSHA PEL	ACGIH TLV	Other Limits
RDX (cyclotrimethylene trinitramine; hexogen; cyclonite)	121-82-4	93% - 99.3%	n/a	0.5 mg/m ³ TWA skin	1.5 mg/m ³ NIOSH TWA 3.0 mg/m ³ STEL; skin
Desensitizing Wax (* These exposure limits are for paraffin wax fume, similar to this material)		0.7% - 5%	n/a	2 mg/m ³ *	2 mg/m ³ * NIOSH
Graphite	7782-42-5	0% - 2%	15 mg/m ³ (total dust) 5 mg/m ³ (resp. fract)	2 mg/m ³ TWA	2.5 mg/m ³ (resp. dust) - NIOSH TWA
Calcium Stearate	1592-23-0	0% - 0.5%	n/a	n/a	n/a

NOTE: Hazard Class 1, Division 1; SCG "D"

NOTE: Materials in this product are subject to the reporting requirements of SARA, Title III, Section 313 as follows:
None

SECTION III - PHYSICAL AND CHEMICAL DATA

Boiling Point: n/a
Specific Gravity: 1.8 (RDX)
Melting Point: RDX - 190^o-200^oC; Wax - 80^oC
Vapor Pressure (mm Hg): 4.08 X 10⁻⁴ @ 110^oC (RDX)
Vapor Density (Air = 1): n/a
Evaporation Rate (Butyl Acetate = 1): n/a
Solubility In Water: Insoluble
Appearance And Odor: Crystalline solid with color ranging from white to dark gray (depending on wax and/or graphite content); with no distinguishing odor

MSDS NO. 1001.004 Page 1 of 3

4087193

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. PNEA018-5

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

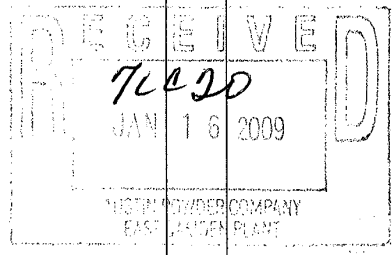
(Name of carrier)

TO:
Consignee: **Austin Star Detonator Company**
Street: **Highland Industrial Park**
City, State, Zip Code: **East Camden, AR 71701**

FROM:
Shipper: **Paramount Enterprises International, Inc**
Street: **1080 Military Turnpike/ X - Ploc Complex**
City, State, Zip Code: **Plattsburgh, NY 12901**
24 hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**

Route: **FINAL** Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
67 f/b bxs on 3 plts	X	# 10679 UN0226, Octogen, HMX, wetted 1.1D, PG II EX- 9310161 2216 lbs Neq: 1,005 kgs Attn: Monica or Roger 870-574-0580	Gwt: 2,976 Gwt: 1,350	lbs kgs		



Monica Collopy
Monica Collopy

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP

Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Monica Collopy Signature

COD Amt: \$ _____
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under this contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l

CARRIER: R & R Trucking

PER: *Monica Collopy*

PER: _____

DATE: _____

12

SAFETY DATA SHEET

1 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2005-07-12	Edition number 10	This edition replace 2005-02-04 ed. 9
Product denomination Powder, smokeless, NC1290 RP14			

136 0161

1 PRODUCT IDENTIFICATION AND NAME OF THE COMPANY

Product name Propellant NC1290, RP14

Application Propellant for use in ammunition

Manufacturer EURENCO Bofors AB
SE-691 86 KARLSKOGA
Tel: 0586-83050 Int. +46-586-83050
Fax: 0586-83310 Int. +46-586-83310

Emergency telephone number 0586-832 00, ERC +46-0(8)-33 70 43

2 COMPOSITION/IDENTITY INFORMATION

Hazardous Components	CAS-no	EINECS-no	%	Danger code	Risk phrases
Nitrocellulose (>12.6 %)	9004-70-0	-	>80	E	1, 3
Nitroglycerine	55-63-0	200-240-8	<12	E, T+, N	3, 26/27/28, 33, 51/53
Diphenylamine	122-39-4	212-769-1	<2	T, N	23/24/25, 33, 50/53
Centralite I	85-98-3	201-645-2	<2	Xn	22

3 HAZARD IDENTIFICATION

Health hazard Risk of explosion by shock, fire or other sources of ignition
Very toxic by inhalation, in contact with skin and if swallowed.
Danger of cumulative effects.
Harmful to aquatic organisms may cause long-term adverse effects in the aquatic environment.



4 FIRST AID MEASURES

Inhalation Fresh air, rest and warmth. Rinse nose, mouth and throat with water. Call for a doctor if troubles remain.

Skin contact Take immediately off contaminated clothes/shoes. Wash with soap and water. Call for a doctor if troubles remain.

Eye contact Rinse carefully with water. Call for a doctor if troubles remain.

Ingestion Give a few glasses of milk or water if the person is fully conscious and try to cause vomiting. Rinse the mouth with water. Call for a doctor if troubles remain.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media Water sprinkler.

Extinguishing media not to be used Powdered extinguishing medium.

Dangerous breaking down-product / gases Nitrous fume.

Special protective equipment for fire-fighters Evacuate the area, fire can be transformed into detonation, don't attempt to extinguish.

6 ACCIDENTAL RELEASED MEASURES

Ordinary measure Sweep up and put into marked container.

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Product denomination Powder, smokeless, NC1290 RP14			

Protective equipment for clearance personal Protective equipment in case of direct contact, such as protective gloves and clothes.

Environmental precautions Prevent the product from reaching the sewage system.

Collection- and clearance method Sweep up and put into marked container.

Unsuitable clearance method and absorb solvent -

Method for taking care of waste Burned at approved place. Note! That explosive can detonate.

7 HANDLING AND STORAGE

Ventilation with handling Well ventilated area if there is some contact with the product.

Equipment with handling The equipment shall suit to the explosive sensitivity.

Recommended temperature with handling Normal room temperature.

Equipment which not will be used with handling Equipment which cause static electricity.

Requirement for storage and packing To be stored in dark, tight closed containers in places approved for explosives.

Unsuitable handling and storage method There is risk for impact, friction, fire, heating or electrostatic discharge. Handling and storage only according to valid code of laws and instruction.

Other rules and instructions Permission for storage shall be allowed the police. Keep in a way that ensures complete safety according handling and import of explosive products.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold limits Swedish limit is missing.

Method of measurement Measuring of dust can be done according (Swedish) Arbetsmiljöverkets Method series, no M1010. Sampling of total dust and respirable dust

Biological limits Swedish limit is missing.

Specific measure for reducing exposure Workplace and working methods shall be worked out so that direct contact with the product contact will be prevented.

Respiratory protection By danger of inhalation of dust, use breathing protection with dustfilter P2.

Gloves Rubber gloves when it will become risk for direct contact.

Eye protection Protective glasses if there is some risk that the product can irritate the eyes.

Protective clothing Flame protection treated clothes and safety boots when working with the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical form Single perforated grains

Colour Grey-black

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2005-07-12	Edition number 10	This edition replace 2005-02-04 ed. 9
Product denomination Powder, smokeless, NC1290 RP14			

Odour	Odourless
Explosion properties	Explosive
Decomposition point	When heated during a longer period of time decomposition can happen.
Solubility in water	Insoluble
Solubility in other solvents	Soluble in Ketones and esters.
Partition coefficient n-octanol/water	Log Pow = 1,88 (Nitroglycerine)
Density (kg/m ³)	890-940
Melting point	-
Autoignition temperature	Min.175 °C

10 STABILITY AND REACTIVITY

Conditions which could affect the product stability	Chock, friction, fire or other sources of ignition.
Material to avoid	Alkaline substances and strong acids.
Hazardous conversion- and or decomposition products	Nitrous fume.

11 TOXICOLOGICAL INFORMATION

Inhalation	Dust may irritate the respiratory organs.
Ingestion	Very toxic if swallowed.
Skin	Penetrate easily through the skin and can give headache.
Eye	Dust can irritate.
System effects with handling	Have not been detectable.
Allergy cause properties	No
Cancer/mutation/unborn child damage/reproduction	No
Delayed health effects	No
LD ₅₀ oral rat	-

12 ECOLOGICAL INFORMATION

Toxicity to aquatic organisms	Microtox EC50 Daphnia 48 h: 26 mg/l, Sort: D. magna (Nitroglycerine)
Toxicity to soil organisms	Function is missing.

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Product denomination Powder, smokeless, NC1290 RP14			

Toxicity to micro-organisms	Function is missing.
Mobility and allocation in the environmental	Function is missing.
The input products degradable into the environmental	Function is missing.
The input products degradable into the sewage	BOD ₇ 0,020 g/g (Nitroglycerine) COD 0,37 g/g (Nitroglycerine) BOD ₇ /COD 0,54 (Nitroglycerine)
Bioaccumulative	BCF: 15 (Nitroglycerine) Log Pow = 1,62 (Nitroglycerin)

13 DISPOSAL CONSIDERATION

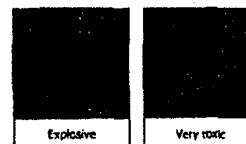
Handling of rest product	Handling as explosive waste, Not! Explosion risk.
Handling of contaminated packaging	Container handling as dangerous goods.
Risks with waste handling	Product can explode during combustion.
EWC-code	160403: Discard explosive.
Dangerous waste	Yes

14 TRANSPORT INFORMATION

FN/UN number	0161
Class ADR/RID, IMDG, IATA	1.3C
Proper shipping name	Powder, smokeless
Packing group	II
Marine Pollutant	No
EMS number	F-B, S-Y
EX-number (DOT/USA)	EX-9109022
Other	CE BAM Nr.0589.EXP.3490/99

15 REGULATORY INFORMATION

Dangerous symbols with dangerous code E, Explosive
T+, Very toxic



Risk phrases R2, Risk of explosion by shock, friction, fire or other sources of ignition.
R26/27/28, Very toxic by inhalation, in contact with skin and if swallowed.
R33, Danger of cumulative effects.
R52/53, Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2005-07-12	Edition number 10	This edition replace 2005-02-04 ed. 9
Product denomination Powder, smokeless, NC1290 RP14			

Safety phrases	S33, Take precautionary measures against static discharges. S35, This material and its container must be disposed of in a safe way. S36/37, Wear suitable protective clothing and gloves. S45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S61, Avoid release to the environment. Refer to special instructions/safety data sheets.
Product name	Propellant
Other regulations	Explosive legislation.
Limitation/restriction	Permit required for handling and storage.
Permission for transfer and handling	The legislation about flammable substances and explosive products. (Sweden) Flammables and Explosives Department instruction about Permit regarding transfer of explosives.
Input product in EINECS	Yes Exkl. Nitrocellulose
Other legislation	Safety adviser for dangerous goods. Legislation about transport of dangerous goods. Legislation and ordinance about manufacturing and sell of war material.

16 OTHER INFORMATION

R-phrase from point 2	R1, Explosive when dry. R3, Extreme risk of explosion by chock, friction, fire or other sources of ignition. R22, Harmful if swallowed. R23/24/25, Toxic by Inhalation, In contact with skin and if swallowed. R50/53, Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
Training for handling	Yes.
References	CAMBREX KARLSKOGA AB environment data Arbetskyddsstyrelsens och Kemikalieinspektionens författningssamling. Kemiska ämnen: Prevent RIB Integrerat beslutsstöd för skydd och olyckor.
Other	This safety data sheet is a revised edition according the new chemical rules. The Information in this SDS is based at our existing knowledge from a safety point of view.



U.S. Department of Transportation
Research and Special Programs Administration

The US Department of Transportation
Competent Authority for the United States

400 Seventh Street, S.W.
Washington, D.C. 20590

CLASSIFICATION OF EXPLOSIVES

Based upon a request by L. L. Kerstetter on behalf of Hercules Incorporated, Hercules Plaza, Wilmington, Delaware, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9109018 ✓	RP 4
EX-9109019 ✓	RP 8
EX-9109020 ✓	RP 11
EX-9109021 ✓	RP 12
EX-9109022 ✓	RP 14
EX-9109023 ✓	RP 15
EX-9109024 ✓	NC 1290 RP 25

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: Propellant explosive, solid

DOT HAZARD CLASSIFICATION: Class B explosive

Approved by:

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

SEP 20 1991

(DATE)

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shopper No. GAEA022

Carrier No. 187493

Date 2011.12.10

Page 1 of 1

R & R TRUCKING

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820429**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	<p style="text-align: center; font-size: 1.5em;">P 108136</p> <p style="text-align: center;">ERG # 112</p> <p>UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs</p> <p style="text-align: right; font-size: 1.2em;">36878.549/lbs</p> <p style="text-align: center; font-size: 1.5em;">gross 212625</p> <p>POC: Monica or Roger 870-574-0580</p> <div style="border: 2px solid black; padding: 5px; text-align: center; margin: 10px auto; width: 150px;"> <p style="font-size: 1.5em; margin: 0;">RECEIVED</p> <p style="font-size: 1.2em; margin: 0;">NOV 12 2011</p> </div>	Gwt: 41,376 Gwt: 18,768	lbs kgs		

Monica Kelly
Monica Kelly 12/12/11

PLACARDS TENDERED YES NO ADJUSTED COMPANY _____

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state the value of the property as follows: (a) The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____. (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

[Signature] Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement. The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: R & R Trucking

PER: [Signature] PER: [Signature] (SLAC)

DATE: 2011.12.10

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVS⁰⁰ (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Löbben GmbH Börnichen 99 15907 Löbben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Löbben, Mr. Dusi	
Schiffname und Nummer der Reise Ship's name and voyage No.		Ort und Datum Place and date Löbben, November 07, 2011	
Ladefahrer Port of loading Papenburg		Unterschrift für den Packen Signature on behalf of packer 	
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages	
Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) * Hexogen		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0483	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/ Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexogen_Explo_USA_15112011.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Löbben GmbH Ort und Datum Place and date Löbben, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper 	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 60 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47



S P R E E W E R K

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page:

1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation explosive(s).

information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lübben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREERWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentritramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media:
Do not extinguish fire: Danger of explosion

Particular protective equipment:
Flame-retardant clothes

Additional information:
Do not inhale vapours.

6. Accidental release measures

Personal precautions:
Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:
Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:
Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:
Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:
Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



Spreewerk

SAFETY DATA SHEET

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Date of first version: 19.05.2006

Cyclotrimethyltrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after Inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

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Cyclotrimethylenetrinitramine

Material number RDX

Page:

4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1,1D, Substance number 483

Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

ADR/RID: Class 1, Code: 1.1D

Label: ADR: 1 / RID: 1 + 13

Limited quantities: LQ0

Contaminated packaging: Instructions: P112b - P112c

Special provisions for packing together: MP20

Transport by sea

UN number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

IMDG: Class 1.1

Packing Group: -

EmS number: F-B, S-Y

Special provisions: -

Limited quantities: None

Contaminated packaging: Instructions: P112 (b) or (c)

Contaminated packaging: Provisions: -

IBC: Instructions: -

IBC: Provisions: -

Tank instructions: IMO: -

Tank instructions: UN: -

Tank instructions Provisions: -

Stowage and segregation: Category 10

Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

ICAO/IATA: Class 1.1

Passenger Ltd.Qty.: Y- - Maximum quantity: -

Passenger: Maximum quantity: Forbidden

Cargo: Maximum quantity: Forbidden

ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol: E Explosive
T Toxic

R phrase(s): R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 25 Toxic if swallowed.



SPREWERK

SAFETY DATA SHEET

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Date of first version: 19.05.2006

Cyclotrimethyltrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA003

Carrier No. 187491

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.:

USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820410

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
40 f/b bxs on 40 plts	X	<i>q/n# 212620</i> UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,000 kgs (Comp A-5) 35,734 lbs 35,271	Gwt: 38,360 Gwt: 17,400	lbs kgs		
1 f/b box	X	UN0479, Substances, Explosive, N.O.S. (Ammoniumperchlorat), 1.4C, PG II Neq: 200 kgs 441 lbs	Gwt: 518 Gwt: 235	lbs kgs		
		POC: Monica or Roger 870-574-0580	<i>Monica Kelly</i> <i>Monica Kelly</i> 12/12/11			

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selzer Signature

COD Amt: \$

C.O.D. FEE:
PREPAID
COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES

FREIGHT PREPAID Check box if charges are to be collect
right to checked

RECEIVED, subject to the classification and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the conditions, terms and conditions in the governing classification on the date of shipment and that he agrees to be bound by the said terms and conditions are hereby agreed to by the shipper.

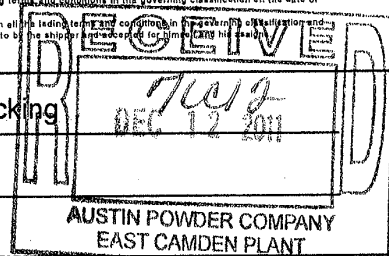
SHIPPER:

CARRIER: R & R Trucking

PER: *Chas P Selzer*

PER:

DATE:



BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1. durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.: Name/Funktion, Unternehmer/Organisation des Unterzeichners Name/status, company/organization of signatory Ort und Datum Place and date Unterschrift für den Packen Signature on behalf of packer	
Schiffname und Nummer der Reise Ship's name and voyage No. MV "Anmare"		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge Grand Anse		(Frä für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter) emergency response phone: 0049-3546-280	
Markierung der Verfallsdatei Falls zutreffend, Identifikations-Nummer oder mit Kennzeichen Merks & No., if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 40 pallets = 40 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) Composition A5 (T4)	Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse Net quantity/volume/mass Netto Explosivstoffmasse: *** Net explosive mass: *** Gross mass: 17.400 kgs Net explosive mass: 16.000 Kgs	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Proprietäts Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1. *** Proprietäre/trade names alone are not sufficient, if applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only.			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Beschreibungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau beschrieben ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Ort und Datum Place and date Unterschrift für den Versender Signature on behalf of shipper	
IMO_Comp_A5_Explo_USA_14112011.XLS		Sprewerk Lübben GmbH Lübben, November 17, 2011	

Order No.: 299

07204

Formularverlag CW Niemeyer, Hammeln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendoldeben (03 92 04) 54 47



SPREERWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation
explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lübben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2
R 25

Risk of explosion by shock, friction, fire or other sources of ignition.
Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



Spreewerk LÜBBEN

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Cyclotrimethylentrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media:
Do not extinguish fire: Danger of explosion

Particular protective equipment:
Flame-retardant clothes

Additional information:
Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:
Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:
Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:
Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:
Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



SPREWERK LÜBBEN

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SPREWERK

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Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:	ADR: Substance number 483 RID: Kemmler-number 1.1D, Substance number 483
Description of goods:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ADR/RID	Class 1, Code: 1.1D
Label	ADR: 1 / RID: 1 + 13
Limited quantities	LQ0
Contaminated packaging: Instructions	P112b - P112c
Special provisions for packing together	MP20

Transport by sea

UN number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
IMDG:	Class 1.1
Packing Group:	-
EmS number:	F-B, S-Y
Special provisions	-
Limited quantities	None
Contaminated packaging: Instructions	P112 (b) or (c)
Contaminated packaging: Provisions	-
IBC: Instructions	-
IBC: Provisions	-
Tank instructions: IMO	-
Tank instructions: UN	-
Tank instructions Provisions	-
Stowage and segregation	Category 10
Properties and observations	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/D number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ICAO/IATA:	Class 1.1
Passenger Ltd. Qty.:	Y- - Maximum quantity: -
Passenger:	Maximum quantity: Forbidden
Cargo:	Maximum quantity: Forbidden
ERG	1L

15. Regulatory information

Classification

Coda letter and hazard symbol:	E	Explosive
	T	Toxic
R phrase(s):	R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
	R 25	Toxic if swallowed.



Spreerwerk

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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Cyclotrimethylentrinitramine

Material number: RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



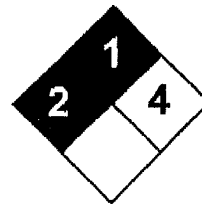
NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



Health	2
Fire	1
Reactivity	4
Personal Protection	E

Material Safety Data Sheet Ammonium perchlorate MSDS

Section 1: Chemical Product and Company Identification

Product Name: Ammonium perchlorate

Catalog Codes: SLA2725

CAS#: 7790-98-9

RTECS: SC7520000

TSCA: TSCA 8(b) inventory: Ammonium perchlorate

CI#: Not available.

Synonym:

Chemical Formula: NH₄ClO₄

Contact Information:

Sciencelab.com, Inc.

14025 Smith Rd.

Houston, Texas 77396

US Sales: 1-800-901-7247

International Sales: 1-281-441-4400

Order Online: ScienceLab.com

CHEMTREC (24HR Emergency Telephone), call:

1-800-424-9300

International CHEMTREC, call: 1-703-527-3887

For non-emergency assistance, call: 1-281-441-4400

Section 2: Composition and Information on Ingredients

Composition:

Name	CAS #	% by Weight
Ammonium perchlorate	7790-98-9	100

Toxicological Data on Ingredients: Ammonium perchlorate LD50: Not available. LC50: Not available.

Section 3: Hazards Identification

Potential Acute Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. Prolonged exposure may result in skin burns and ulcerations. Over-exposure by inhalation may cause respiratory irritation.

Potential Chronic Health Effects:

Hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation. **CARCINOGENIC EFFECTS:** Not available. **MUTAGENIC EFFECTS:** Not available. **TERATOGENIC EFFECTS:** Not available. **DEVELOPMENTAL TOXICITY:** Not available. The substance is toxic to blood, kidneys. Repeated or prolonged exposure to the substance can produce target organs damage.

Section 4: First Aid Measures

Eye Contact:

Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Cold water may be used. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact:

Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek medical attention.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation:

Evacuate the victim to a safe area as soon as possible. Loosen tight clothing such as a collar, tie, belt or waistband. If breathing is difficult, administer oxygen. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek medical attention.

Ingestion:

Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: Not available.

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Flammable in presence of shocks, of heat, of reducing materials, of combustible materials, of organic materials.

Explosion Hazards In Presence of Various Substances:

Extremely explosive in presence of open flames and sparks, of shocks, of heat, of reducing materials, of organic materials. Slightly explosive in presence of acids.

Fire Fighting Media and Instructions:

Oxidizing material. Do not use water jet. Use flooding quantities of water. Avoid contact with organic materials.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Large Spill:

Oxidizing material. Stop leak if without risk. Avoid contact with a combustible material (wood, paper, oil, clothing...). Keep substance damp using water spray. Do not touch spilled material. Prevent entry into sewers, basements or confined areas; dike if needed. Eliminate all ignition sources. Call for assistance on disposal.

Section 7: Handling and Storage

Precautions:

Keep away from heat. Keep away from sources of ignition. Keep away from combustible material. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not breathe dust. Take precautionary measures against electrostatic discharges. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes. Keep away from incompatibles such as reducing agents, combustible materials, organic materials, acids.

Storage:

Keep container tightly closed. Keep container in a cool, well-ventilated area. Separate from acids, alkalies, reducing agents and combustibles. See NFPA 43A, Code for the Storage of Liquid and Solid Oxidizers.

Section 8: Exposure Controls/Personal Protection**Engineering Controls:**

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection:

Splash goggles. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Dust respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Solid. (Crystals solid.)

Odor: Not available.

Taste: Not available.

Molecular Weight: 117.49 g/mole

Color: Colorless.

pH (1% soln/water): Not available.

Boiling Point: Not available.

Melting Point: Decomposes.

Critical Temperature: Not available.

Specific Gravity: 1.95 (Water = 1)

Vapor Pressure: Not applicable.

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water, methanol, acetone.

Solubility:

Soluble in cold water, methanol. Partially soluble in acetone. Insoluble in diethyl ether.

Section 10: Stability and Reactivity Data

Stability: Unstable.

Instability Temperature: Not available.

Conditions of Instability: No additional remark.

Incompatibility with various substances:

Extremely reactive or incompatible with reducing agents, combustible materials, organic materials. Reactive with acids.

Corrosivity: Non-corrosive in presence of glass.

Special Remarks on Reactivity: Not available.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Routes of Entry: Eye contact. Inhalation. Ingestion.

Toxicity to Animals:

LD50: Not available. LC50: Not available.

Chronic Effects on Humans: Causes damage to the following organs: blood, kidneys.

Other Toxic Effects on Humans: Hazardous in case of skin contact (irritant), of ingestion, of inhalation.

Special Remarks on Toxicity to Animals: Not available.

Special Remarks on Chronic Effects on Humans: Not available.

Special Remarks on other Toxic Effects on Humans: Not available.

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short/long term degradation products are to be expected.

Toxicity of the Products of Biodegradation: The products of degradation are more toxic.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Waste Disposal:

Section 14: Transport Information

DOT Classification: CLASS 5.1: Oxidizing material.

Identification: : Ammonium Perchlorate UNNA: UN1442 PG: II

Special Provisions for Transport: Not available.

Section 15: Other Regulatory Information

Federal and State Regulations:

Pennsylvania RTK: Ammonium perchlorate Massachusetts RTK: Ammonium perchlorate TSCA 8(b) Inventory: Ammonium perchlorate

Other Regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other Classifications:

WHMIS (Canada): CLASS C: Oxidizing material.

DSCL (EEC):

R8- Contact with combustible material may cause fire. R36/38- Irritating to eyes and skin.

HMIS (U.S.A.):

Health Hazard: 2

Fire Hazard: 1

Reactivity: 4

Personal Protection: E

National Fire Protection Association (U.S.A.):

Health: 2

Flammability: 1

Reactivity: 4

Specific hazard:

Protective Equipment:

Gloves. Lab coat. Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

Section 16: Other Information

References: Not available.

Other Special Considerations: Not available.

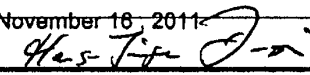
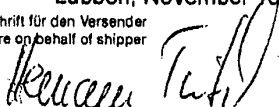
Created: 10/09/2005 03:57 PM

Last Updated: 11/01/2010 12:00 PM

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nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börmichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi	
Schiffenname und Nummer der Reise Ship's name and voyage No. MV "Anmare"		Ort und Datum Place and date Lübben, November 16, 2011	
Ladehafen Port of loading Papenburg		Unterschrift für den Packen Signature on behalf of packer 	
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder aml. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 1 pallet = 1 fibre carton	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * Ammonlumperchlorat		Klasse/Unterklasse nach IMO IMO-Class 1.4 C	
UN-Nr. UN-No. UN 0479		Verpackungsgruppe Packing group	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse · Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 235 kgs Net explosive mass: 200 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschaften/Propertias Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Utilized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1; *** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code: *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Beschreibungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/placardiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_APC_Explo_USA_15112011.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, November 16, 2011 Unterschrift für den Versender Signature on behalf of shipper 	

Order No.: 299

07/04

Formularverlag CW Nilmeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 60 20 31, Frankfurt (0 69) 89 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47

2

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA023

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820430**

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY	WEIGHT	RATE	CHARGES
		Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	(Weight, Volume, Gallons, etc.)	(Subject to Correction)		(For Carrier Use Only)
816 f/b bxs on 68 plts	X	<p><i>gun # 212623</i></p> <p>UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs <i>36,879 lbs</i></p> <p>POC: Monica or Roger 870-574-0580</p>	Gwt: 41,376 Gwt: 18,768	lbs kgs		

S. Bragg 12/12/11

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature Signature

COD Amt: \$

COD FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES

FREIGHT PREPAID except when box at right is checked

Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the bill of lading terms and conditions in the governing classification on the date of shipment and that the goods are packed, marked, and labeled in accordance with the said terms and conditions and hereby agrees to be bound by the same.

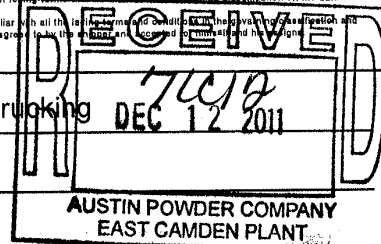
SHIPPER:

CARRIER: R & R Trucking

PER: *Signature*

PER:

DATE:



BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVS (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

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Schiffname und Nummer der Reise Ship's name and voyage No. MV "Anmare"		Ort und Datum Place and date Lübben, November 07, 2011	
Ladehafen Port of loading Papenburg		Unterschrift für den Packen Signature on behalf of packer 	
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
emergency response phone: 0049 3546 280			
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtli. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unterklasse nach IMO IMO-Class
UN-UN-Nr. UN-No.	Verpackungsgruppe Packing group	573 pallets = 6.876 fibre cartons	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EMS No. Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
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Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47



Sprewerk

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006**Cyclotrimethylenetrinitramine**

Material number: RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion

Particular protective equipment: Flame-retardant clothes

Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage**Handling**

Information for safe handling:

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:

Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:

Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:

Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class:

1

8. Exposure controls / personal protection**Critical values of exposure**Additional information: OEL (= German AGW) 1,5 mg/m³**Limitation and monitoring of exposure**

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.

CSA Cargo-Related / HazMat BASIC Checklist
Truck #: 7322 Trip #: 187494 Date: 12-10-11

Initial Your Verifications

loading Checks

RNB	Verified load count, package condition & securement - cargo immobilized from shifting, falling, or spilling. 171.2; 392.9; 393.100; or,
N/A	When applicable, paperwork marked by driver, "Shipment Pre-Loaded, Counted & Sealed by Shipper", add your name & date; or
RNB	When applicable, paperwork marked by driver, "SLC - Shipper Load and Count". You must still secure or verify securement.
RNB	Tie-downs are sufficient and are not damaged; all packages are secure in or on the trailer. 177.834; 173.24; 393.104; 393.100
RNB	Placards applied as required and are securely affixed; placards are not damaged, deteriorated, or obscured. 172.504; 172516; 177.823

Shipping Papers (SP), Emergency Response Guidebook and other Required Documents Entries for Dispatch

RNB	The 3 parts of HazMat paperwork to have ready at roadside: SP, Emergency Response Guidebook (ERG) & our Contingency Plan.
RNB	Verified Proper Shipping Name & Basic Description with the table in 172.101
RNB	Verified HazMat entries on SP: a. PSN, HC, ID#, PG - good until 12/31/12; b. ID#, PSN, HC, PG mandatory compliance 1/1/13. 172.202
RNB	Verified HazMat entries are listed first, or highlighted, or tabbed, "X" in the HazMat column - HazMat entries must be first. 172.202
RNB	Net Explosive Weight (NEW) must be shown (this can be estimated by shipper or you) along with gross weight on the SP. 172.202
RNB	Emergency Response Guidebook (ERG) tabbed or turned to the correct E R Guide; also, noted on the SP near the PSN. 172.602
RNB	Emergency Response information on SP - a. ER provider name & phone + contract # or name; or, b. shipper name & phone; 172.600
RNB	SP Accessibility: in driver's door pouch - preferred; in driver's unoccupied seat; on dash within driver's reach when belted. 177.817
RNB	When applicable, Written Explosive Route Plan - completed. 397.67(d)
N/A	When applicable, Written Radioactive Route Plan - completed. 397.101
RNB	Communications Plan for all placarded shipments: send Macros when departing, delivering, & change of duty status. 385.415
RNB	Check your permit book for current Hazardous Material Safety Permit & Hazardous Material Certificate of Registration. 385.415
RNB	Verified tractor and trailer annual inspections are current. 396.17
RNB	A company padlock is required when loaded or empty; you may not be able to apply a company lock on some government loads.

Hazardous Waste Manifests

_____	Verified shipper (generator) is using correct manifest form: EPA Form 8700-22 (Rev. 3-05) and Continuation Sheet 22A, if required.
_____	Verified load count, package condition & securement - cargo immobilized from shifting, falling, or spilling. 171.2; 392.9; 393.100; or,
_____	Verified HazMat entries on manifest. 172.202
_____	Emergency Response Guidebook (ERG) tabbed or turned to the correct E R Guide; also, noted on manifest near the PSN. 172.602
_____	Emergency Response info on manifest - a. ER provider name & phone + contract # or name; or, b. shipper name & phone; 172.600
_____	Verified Transporter EPA ID number on manifest: R & R - MOR000501973; AATCO - MOR000501981; NEI - MOR000508838.
_____	Verified with the shipper / generator they are using the correct EPA ID number (not ours).
_____	Net Explosive Weight (NEW) must be shown (this can be estimated by shipper or you) along with gross weight on manifest. 172.202
_____	Only 1 driver signs the manifest, the co-driver does NOT sign as Transporter 2 - unlike a 1907 where both drivers sign.
_____	Verified the entry of the total number of manifest pages - ex: Page 1 of 1; or, Page 2 of 2, etc.

Your non-compliance at roadside directly impacts both Safety Measurement System scores (Driver and Carrier) in CSA. Non-compliance will have a greater impact on your quarterly safety incentive.

Include this completed form with your paperwork in your next TripPak EXPRESS envelope for each shipment.

Original 9/23/11

R & R Trucking, Inc.
P.O. Box 545
DUENWEG, MO 64841
417-623-6885
17-624-8642-Fax

NEI Transport, LLC
P.O. Box 545
DUENWEG, MO 64841
417-623-8784
417-623-8881-Fax

AATCO
P.O. Box 545
DUENWEG, MO 64841
417-623-8784
417-623-8881-Fax

EXPLOSIVE HIGHWAY ROUTE PLAN

DATE: 12/10/11

TRUCK #: 7322 TRAILER #: 7810054 WORK ORDER #: 187494 B/L #: GAEA023
ORIGIN: CITY: LaBaie ST: QC DESTINATION: CITY: East Camden ST: AR
Canada

§397.67 Motor carrier responsibility for routing – EXPLOSIVES

- (a) A motor carrier transporting NRHM shall comply with NRHM routing designations of a State or Indian tribe pursuant to this subpart.
- (b) A motor carrier carrying hazardous materials required to be placarded or marked in accordance with 49 CFR 177.823 and not subject to a NRHM routing designations pursuant to this subpart, shall operate the vehicle over routes which do not go through or near heavily populated areas, places where crowds are assembled, tunnels, narrow streets, or alleys, except where the motor carrier determines that:
 - (1) There is no practicable alternative;
 - (2) A reasonable deviation is necessary to reach terminals, points of loading and unloading, facilities for food, fuel, repairs, rest, or a safe haven; or
 - (3) A reasonable deviation is required by emergency conditions, such as a detour that has been established by a highway authority, or a situation exists where a law enforcement official requires the driver to take an alternative route.
- (c) Operating convenience is not a basis for determining whether it is practicable to operate a motor vehicle in accordance with paragraph (b) of this section.
- (d) **Before a motor carrier requires or permits a motor vehicle containing explosives in Class 1, Divisions 1.1, 1.2, 1.3, as defined in 49 CFR 173.50 and 173.53 respectively, to be operated, the carrier or its agent shall prepare a written route plan that complies with this section and shall furnish a copy to the driver. However, the driver may prepare the written plan as agent for the motor carrier when the trip begins at a location other than the carrier's terminal.**

HIGHWAY ROUTES

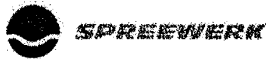
RTE-372, RTE-175, Aut-40, Aut-73, Aut-20, Aut-30, Aut-15 - I-87,
US11, US11B, US11, NY392, I81, I90, I271, I71, I270, I71, I275, I75,
I71, I265, I65, Western Kentucky Parkway, I24, Carroll Purchase
Parkway, US51, I155, I55, I40, I440, I530, US1107, AR274, ~~Local~~
Local

Subject to Change

NOTE: The above information is to be completed before leaving the shipper. This form is to be retained with your Bill of Lading until delivery is made.

DRIVER SIGNATURE: 1. _____

DRIVER SIGNATURE: 2. Michael D. Brindle



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page:

1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk LÜBBEN GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 LÜBBEN

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6

Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.

after skin contact: After contact with skin, wash immediately with soap and plenty of water.

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



Spreewerk

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrintramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic,
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
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Cyclotrimethylenetrinitramine

Material number RDX

Page:

4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:	ADR: Substance number 483 RID: Kemmler-number 1.1D, Substance number 483
Description of goods:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ADR/RID	Class 1, Code: 1.1D
Label	ADR: 1 / RID: 1 + 13
Limited quantities	LQ0
Contaminated packaging: Instructions	P112b - P112c
Special provisions for packing together	MP20

Transport by sea

UN number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
MDG:	Class 1.1
Packing Group:	-
EmS number:	F-B, S-Y
Special provisions:	-
Limited quantities	None
Contaminated packaging: Instructions	P112 (b) or (c)
Contaminated packaging: Provisions	-
IBC: Instructions	-
IBC: Provisions	-
Tank Instructions: IMO	-
Tank Instructions: UN	-
Tank Instructions Provisions	-
Stowage and segregation	Category 10
Properties and observations	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ICAO/IATA:	Class 1.1
Passenger Ltd. Qty.:	Y - - Maximum quantity: -
Passenger:	Maximum quantity: Forbidden
Cargo:	Maximum quantity: Forbidden
ERG	1L

15. Regulatory information

Classification

Code letter and hazard symbol:	E	Explosive
	T	Toxic
R phrase(s):	R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
	R 25	Toxic if swallowed.



SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
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Cyclotrimethylentrinlramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaic
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1

3

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA002-1

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

p108136

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

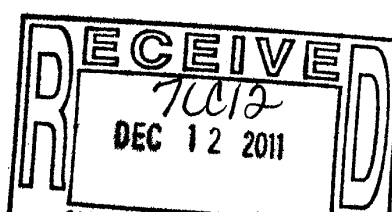
City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: **STOP 1** Vehicle Number: _____ Trailer Number: _____ Seal Number: **820405**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
348 f/b bxes on 29 plts	X	<p><i>grn # 212624</i></p> <p>UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Netq: 7,134 kgs</p> <p><i>15,727.616 lbs</i></p> <p>POC: Monica or Roger 870-574-0580</p>	Gwt: 17,646 Gwt: 8,004	lbs kgs		



Monica Kelly
Monica Kelly 12/12/11

PLACARDS TENDERED: **Yeast** **Camden Plant**

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID \$ _____
COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collect
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____	CARRIER: R & R Trucking
PER: <i>Chas P Selzer</i>	PER: _____
	DATE: _____

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GABT002-2 ³

Carrier No. _____

Page 1 of 1

R & R TRUCKING

(Name of carrier)

Date _____

TO:
 Consignee: Austin Star Detonator Company
 Street: 901 Cantu Road
 City, State, Zip Code: Brownsville, TX 78521

FROM:
 Shipper: Paramount Enterprises International, Inc
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC. Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: **STOP 2** Vehicle Number: _____ Trailer Number: _____ Seal Number: **820406**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
90 f/b bxes on 3 plts	X	<p>P110563</p> <p>UN0226, Cyclotetramethylenetetranitramine, (HMX), Wetted, 1.1D, PG II EX- 9310161 Netq: 1,350 kgs</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">RECEIVED</p> <p style="text-align: center;">DEC 12 2011</p> <p style="text-align: center; font-size: 0.8em;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div> <p style="text-align: center; font-size: 1.2em; margin-top: 10px;">GRN # 212725</p>	<p>Gwt: 4,079</p> <p>Gwt: 1,850</p>	<p>lbs</p> <p>kgs</p>		

Monica Kelly
Monica Kelly 12/12/11

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: R & R Trucking

PER: *Chas P Selzer* PER: *Beth F SLL*

DATE: *9-12-11*

Display Device : QPADEV001W
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/15/11
15:26:33

Receipt into Stores Item Issue Units Displayed
Order No..... P110563
Advice note.. GABT002-2 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 212725 Stockroom... EC East Camden, AR
AUSTIN STAR DETONATOR INC
1=Text,2=Receive,3=Reservations,5=Receive/Landed Costs
* Ref Lne O/s Qty UoM Order qty Item Supplier item ref
1 1 2976.000 LB 2976.000 10679
Due 12/15/11 HMX (ASD)

Ref.. Qty.. UoM..?. Complete(0/1).. 0
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2008

Cyclotrimethylentritrintramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentritrintramine

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lütben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lütben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:
Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/Information on Ingredients

Chemical characterization (substance)

C₃H₆N₆O₆
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4
EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard Identification

Classification



Explosive

R 2
R 25



Toxic

Risk of explosion by shock, friction, fire or other sources of ignition.
Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethyltrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media:
Do not extinguish fire: Danger of explosion

Particular protective equipment:
Flame-retardant clothes

Additional information:
Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:
Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:
Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:
Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:
Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class:

1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 61/156/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2008

Cyclotrimethylentrinitramine

Material number: RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid:

explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic,
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: Irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste Key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

In accordance with Directives 91/155/EEC, 83/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2008

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 6

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1.1D, Substance number 483
Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
ADR/RID: Class 1, Code: 1.1D
Label: ADR: 1 / RID: 1 + 13
Limited quantities: LQ0
Contaminated packaging: Instructions: P112b - P112c
Special provisions for packing together: MP20

Transport by sea

UN number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
Class 1.1
IMDG: -
Packing Group: -
EmS number: F-B, S-Y
Special provisions: -
Limited quantities: None
Contaminated packaging: Instructions: P112 (b) or (c)
Contaminated packaging: Provisions: -
IBC: Instructions: -
IBC: Provisions: -
Tank instructions: IMO: -
Tank instructions: UN: -
Tank instructions: Provisions: -
Storage and segregation: Category 10
Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
Class 1.1
ICAO/IATA: Y - Maximum quantity: -
Passenger Ltd. Qty: Maximum quantity: Forbidden
Passenger: Maximum quantity: Forbidden
Cargo: Maximum quantity: Forbidden
ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol: E Explosive
T Toxic
R phrase(s): R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 25 Toxic if swallowed.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
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Date of first version: 19.05.2008

Cyclotrimethylentrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1

BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

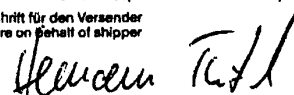
nach §8 GGVS^{see} (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

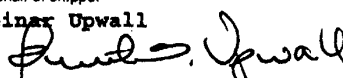
Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börmichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi		Ort und Datum Place and date Lübben, November 07, 2011	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Unterschrift für den Packier Signature on behalf of packer 	
Ladehafen Port of loading Papenburg		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Löschhafen Port of discharge Grand Anse		emergency response phone: 0049-3548-280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) *	Klasse/Unterklasse nach IMO IMO-Class
	573 pallets = 6.876 fibre cartons	Hexogen	1.1 D UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass *** Netto Explosivstoffmasse *** Net explosive mass ***	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint *** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs			
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1. • Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added; ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Beschreibungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakettiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexogen_Explo_USA_15112011.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper 	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 88 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47

DANGEROUS GOODS DECLARATION

Shipper Chemring Nobel AS High Energy Materials Engeneveien 7, N-3475 Sætre Norway	Reference number(s)
Consignee Austin Star Detonator Company 901 Cantu Road Brownsville, Texas 78521 U.S.A.	Carrier
Container packing certificate/vehicle declaration	
DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7.	
TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES	
Name/status, company/organization of signatory Place and date Signature on behalf of packer 	
Ship's name and voyage No. MV Annare	Port of loading Papenburg
(Reserved for text, instructions or other matter) Emergency telephone numbers: + 47 32 27 86 00 / + 47 952 11 925	
Port of discharge Grande Anse	
Marks & Nos. If applicable, identification or registration number(s) of the unit ADR	Number and kind of packages, proper shipping name* IMO hazard class/division, UN Number, packaging group (where assigned)**, flashpoint (in °C c.c)***, control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No, and MFAG table No.*** UN 0226 Cyclotetramethylenetetranitramine (HMX), Wetted Imco-class: 1.1D Ems No.: F-B 3 P11/90 fibreboard boxes HMX Cl.5
Gross mass (kg), net quantity/mass** 1350 kg Net weight explosives 1350 kg 1850 kg	
Goods delivered as <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "Waste" should precede the name; (2) "EMPTY UNCLEANED" OR "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in 9.3 of the General Introduction to the IMDG Code. ***When required	
ADDITIONAL INFORMATION. In certain circumstances special information/certificates are required, see IMDG Code General Introduction, paragraphs 9.7.1, 9.7.2, 9.9.1 and 9.10.1	
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	
Name/status, company/organization of signatory Chemring Nobel AS	
Place and date Sætre, 18.11.2011	
Signature on behalf of shipper Knut Steiner Upwall 	

DGD / www.protertia.com



LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-289-8862 Fax: 1-304-616-4401	LICENSE/ PERMIT NUMBER	5-TX-061-23-4D-11404
		EXPIRATION DATE	April 1, 2014

NAME	AUSTIN STAR DETONATOR CO INC	Premises Address CHANGES? You must notify the FELC at least 10 days before the move	901 CANTU ROAD BROWNSVILLE, TX 78521-9200
------	------------------------------	---	--

TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES
---------------------------	--------------------------------

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves
---	---

PURCHASING CERTIFICATION	Mailing Address CHANGES? You must notify the FELC at least 10 days before the change
I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	AUSTIN STAR DETONATOR CO INC 901 CANTU ROAD BROWNSVILLE, TX 78521-9200
(SIGNATURE OF LICENSEE/PERMITTEE)	

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

1. IDENTIFICATION OF THE SUBSTANCE / AND THE COMPANY

Product name : HMX, Octogene
 Chemical name : Cyclotetramethylene-tetranitramin
 Producer/supplier : Dyno Nobel ASA, High Energy Materials
 Address : P.o.box 10, N-3476 Sactre, Norway.
 Telephone -Telefax : +47 3227 8600 - +47 3227 8641

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name:	Formula:	CAS-No.:	Einecs No.	Contents:	Warning symbols:	R-phrases:
HMX	C ₄ H ₈ O ₈ N ₈	2691-41-0	220-260-0	80-85 %	E Xn	2, 22, 52/53
RDX	C ₃ H ₆ O ₆ N ₆	121-82-4	204-500-1	0-2 %	E T	2, 25, 52/53
Water			15-20 %			

Key to the symbols: T+: Very toxic, T: Toxic, C: Corrosive, Xn: Harmful, Xi: Irritant, E: Explosive, O: Oxidising, F+: Extremely flammable, F: Highly flammable, N: Environmentally dangerous.

3. HAZARDS IDENTIFICATION

Health risk: HARMFUL



Fire and explosions hazards: EXPLOSIVE
 Risk of explosion by shock, friction, fire or other sources of ignition.

4. FIRST AID MEASURES

General:

Remove the patient from the source of exposure immediately. Normal first aid. Keep calm and warm in fresh air. If unconsciousness, loosen tight-fitting clothes and place in a stable side lying position. If breathing has stopped, give artificial respiration aid and when no pulse, give heart compression. SEEK MEDICAL ATTENTION.

Ingestion:

Conscious people: Induce vomiting (a finger in the throat or large quantities of milk).
 Unconscious people: Immediately to the hospital.

Skin: Contaminated clothing to be removed. Wash with soap and water.

Eyes: Flush immediately with water for at least 15 minutes. Obtain medical aid if irritation persists.

INFORMATION TO MEDICAL PERSONNEL

The information regarding the toxicity of HMX is limited. Convulsions and loss of consciousness have been reported from exposure to RDX dust, but not from HMX.

5. FIRE-FIGHTING MEASURES

Fire in explosives:

- Do not attempt to extinguish the fire, as an explosion may occur.
- Immediate evacuate the area and contact the fire service.
- In case of fire and/or explosion, do not breath fumes.

6. ACCIDENTAL RELEASE MEASURED

Spill of the product must be removed with an aluminium- or wooden spade and stored in suitable containers. Rinse with water. Destruction by burning.

National regulations for handling explosives must be followed.

7. HANDLING AND STORAGE

Handling:

Risk of explosion by shock, friction, fire or other sources of ignition. Handle with care.

All handling as far as possible in protected systems. Keep containers well closed when not in use. Avoid breathing of dust or skin contact. Change HMX-contaminated clothes. Be careful with the personal hygiene.

Storage:

Stored in tight closed containers and only in places approved for explosives. Smoking and use of open fire near explosives is prohibited.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HTP values:	OSHA PEL	ACGIH TLV:	Other limits:
HMX : No data.			
RDX (skin):	1.5 mg/m ³	0.5 mg/m ³	STEL 3 mg/m ³

General equipment:	Eye-flush possibility.
Eye protection:	Use goggles when handling HMX.
Hand protection:	Protective gloves shall be used.
Skin protection:	Flame- and static protected clothes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Powder	Density:	Ca. 1.9 g/cm ³
Colour:	White	Bulk density:	Ca. 1.0 g/cm ³
Odour:	No odour	Decomposition temp.	Ca. 280°C
Melting point:	See decomp. temperature	Soluble in water:	No

10. STABILITY AND REACTIVITY

Impact, friction, electrostatic spark, open fire or other sources of ignition can lead to explosion. Burning of large amount can lead to explosion. Heating under confinement can lead to explosion.

11. TOXICOLOGICAL INFORMATION

HMX, oral mouse, LD₅₀ : 1500 mg/kg
HMX, oral rat, LD₅₀ : 6200 mg/kg

General: Human health effects have not been described. On the basis of the rat oral LD₅₀ HMX should be considered only slightly toxic to humans. It is assumed that HMX is less toxic than RDX, but may exhibit similar effects.

Inhalation: Slight irritation. By inhalation, HMX may be absorbed in the body.

Skin: Slight irritation. HMX may be absorbed through the skin.

Eyes: Slight irritation to eyes.

12. ECOLOGICAL INFORMATION

No test data on HMX, data on the similar compound RDX, is therefore given:

Microtox (mg/l, LC ₅₀)/mg/l, EC ₅₀	65 mg/l, EC ₅₀
Mobility	-
Degradation	BOD ₇ : 0.02g/g, COD: 0.35 g/g, BOD ₇ /COD: 0.057
Bioaccumulation	Log Pow = 1.62
Toxicity	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Explosion risk. Small quantities of HMX may be destructed by burning.

National regulations for handling explosives must be followed.

14. TRANSPORT CONSIDERATIONS

General:

The packing (cardboardbox/drum) is signed with explosion label tradename, UN-number, lot and chargenumber, production month/year, net- and grossweight and transport class. The cardboardbox/drum is type proved according to UN Transport of Dangerous Goods.
UN No.: 0226

Transport Classification code: **Packing regulations**
Land (ADR/RID) : 1.1D P112(a) PP45 MP20
Sea (IMDG) : 1.1D
Air (ICAO/IATA): Not allowed

15. REGULATORY INFORMATION

Classification:
Harmful, Explosive, Environmentally dangerous

Possible symbols on user packings
(not mandatory on explosives)



Label on transport packing:
Diamond label, Explosive class 1. (RID 1+15)

Risk phrases:
R-2 Risk of explosion by shock, friction, fire or other sources of ignition.
R-22 Harmful if swallowed.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Safety phrases:
S-22: Do not breathe dust.
S-35: This material and its container must be disposed of in a safe way.

16. OTHER INFORMATION

Prepared by: Richard Gjersøe

Superseding safety data sheet dated: 28.01.02. Revisions are marked in right margin.

References:
Sax & Lewis, Dangerous Properties of Industrial Materials, Seventh Edition, Volume II.

G. Reddy*, J.A. Cuthbert, K.J. D'Arcy-Burt, S.M.A. Carr and A.B. Wilson *U.S. Army Biomedical Research and Development, Fort Detrick, Frederick, Maryland 21701, and Inveresk Research International Ltd., Musselburgh, Scotland, "Determination of acute mammalian toxicity of HMX (octahydro-1, 3, 5, 7-teranitro-1, 3, 5, 7-tetrazocine)".

Users notes:



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by H. Theigen on behalf of Dyno Industrier A.S., N-3475, Saetre, Norway, the following items are classed in accordance with Section 173.86, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310162	PBXN - 3
✓ EX-9310163	PBXN - 5

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine (HMX; Octogen), wetted, UN0226

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
✓ EX-9310161	HMX, Vannfuktet

*** The following is provided to facilitate transition to the UN system ***

Classification under Sections 173.86 or 173.114a (49 CFR):

DOT DESCRIPTION/COMMERCIAL NAME: High explosive

DOT HAZARD CLASSIFICATION: Class A explosive

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA018

Carrier No. _____

Date _____

Page 1 of 1

TRI STATE MOTOR TRANSIT

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

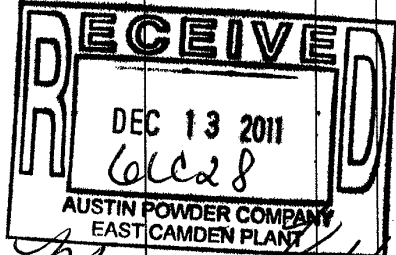
City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820425**

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
816 f/b bxes on 68 plts	X	<p style="font-size: 24px; margin: 0;"><i>P108136</i></p> <p>UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Netq: 16,728 kgs</p> <p style="font-size: 24px; margin: 0;"><i>36818.549</i></p> <p style="font-size: 24px; margin: 0;"><i>JWT# 212625</i></p> <p>POC: Monica or Roger 870-574-0580</p>	<p>Gwt: 41,376 lbs</p> <p>Gwt: 18,768 kgs</p>			



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of this property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bill of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P. Selge Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

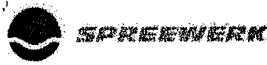
FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of oil or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in oil or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:
PER: *Chas P. Selge*

CARRIER: **Tri State Motor Transit**
PER: *D. P. Denton L. P. Denton*
DATE: *12-9-11*



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lützen GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lützen

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C₃H₆N₆O₆

Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

- after inhalation: Provide fresh air. Seek medical attention.
- after skin contact: After contact with skin, wash immediately with soap and plenty of water.
- after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
- after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media:
Do not extinguish fire: Danger of explosion

Particular protective equipment:
Flame-retardant clothes

Additional information:
Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:
Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:
Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:
Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:
Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class:

1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: grayish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 6

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1.1D, Substance number 483
Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
ADR/RID: Class 1, Code: 1.1D
Label: ADR: 1 / RID: 1 + 13
Limited quantities: LQ0
Contaminated packaging: Instructions: P112b - P112c
Special provisions for packing together: MP20

Transport by sea

UN number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
Class: 1.1
IMDG: -
Packing Group: -
EmS number: F-B, S-Y
Special provisions: -
Limited quantities: None
Contaminated packaging: Instructions: P112 (b) or (c)
Contaminated packaging: Provisions: -
IBC: Instructions: -
IBC: Provisions: -
Tank instructions: IMO: -
Tank instructions: UN: -
Tank instructions Provisions: -
Stowage and segregation: Category 10
Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

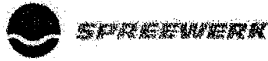
Air transport

UN/D number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE;
HEXOGEN; RDX), DESENSITIZED
Class 1.1
ICAO/IATA: Y- - Maximum quantity: -
Passenger Ltd.Qty.: Maximum quantity: Forbidden
Passenger: Maximum quantity: Forbidden
Cargo: Maximum quantity: Forbidden
ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol: E Explosive
T Toxic
R phrase(s): R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 25 Toxic if swallowed.



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 18.05.2008
Date of first version: 19.05.2008

Cyclotrimethylentrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 82
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECTOR: Christopher R. Reeves
CORRESPONDENCE TO: Chief, Federal Explosives Licensing Center (FELC)
Bureau of Alcohol, Tobacco, Firearms and Explosives
244 Neady Road
Martinsburg, West Virginia 25405
Telephone: 1-877-235-3362 Fax: 1-304-565-4401

LICENSE/PERMIT NUMBER: 5-LA-119-23-4A-00059
EXPIRATION DATE: January 1, 2014

NAME: EXPLO SYSTEMS INC

Premises Address (CHANGES) You must notify the FELC at least 10 days before the mo
1600 JAVA RD
MINDEN, LA 71055

TYPE OF LICENSE OR PERMIT: 23-IMPORTER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)

Christopher R. Reeves
Christopher R. Reeves

PURCHASING CERTIFICATION

I certify this is a true copy of a license/permit issued to me to engage in the activity shown.

Wm. Jay M... Jr.
(SIGNATURE OF LICENSEE/PERMITTEE)

Mailing Address (CHANGES) You must notify the FELC at least 10 days before the chan

EXPLO SYSTEMS INC
1600 JAVA RD
MINDEN, LA 71055

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transfer of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL SIGNATURE.

ATF F 5400-11/5400-15, Part 1 (8/89)

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVS^{see} (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)



Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Löbben GmbH Börnichen 99 15007 Löbben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Löbben, Mr. Dusi	
		Ort und Datum Place and date Löbben, November 07, 2011	
Schiffname und Nummer der Reise Ship's name and voyage No.		Unterschrift für den Packen Signature on behalf of packer <i>[Signature]</i>	
Ladehafen Port of loading Papenburg		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Löschhafen Port of discharge Grand Anse		emergency response phone: 0049-3546-280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder siml. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unterklasse nach IMO IMO-Class
	573 pallets = 6.876 fibre cartons	Hexogen	1.1 D UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse * Net quantity/volume/mass * Netto Explosivstoffmasse *** Net explosive mass ***	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Uniltized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs			
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code: *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakettiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Löbben GmbH Ort und Datum Place and date Löbben, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper <i>[Signature]</i>	
IMO_Hexogen_Explo_USA_15112011.XLS			

Order No.: 299

07/04

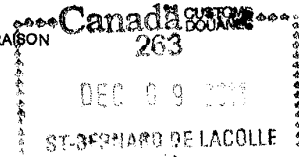
Formularverlag CW Niemeyer, Hameln (0 51 51) 88 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (070 33) 3 49 40, Hohendingelben (03 92 04) 54 47

 Canada Border Services Agency Agence des services frontaliers du Canada		Acquittal No. - N° de l'acquittement				
IN BOND EN DOUANE		CARGO CONTROL DOCUMENT DOCUMENT DE CONTRÔLE DU FRET				
U.S. port of exit - Bureau de sortie des É.U.		In transit - En transit				
Manifest from - Manifeste de Grande Anse 301		To - À Lacolle 351				
Consignee name and address - Nom et adresse du destinataire Explo Systems Inc. 1702 Fourth Street Minden, LA 71055		 21GZ 0050102				
Shipper name and address - Nom et adresse de l'expéditeur Sprewerk Lubben Bornichen 99 DE-15907 Lubben		Previous Cargo Control No. - N° de contrôle du fret antérieur 9138V381702				
No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances Avances	Prepaid Port payé	Collect Port dû
816 f/b bxs on 68 plts	UN0483 Hexogen Desensitized Class 1.1D PGII Net: 16,728 kgs	Gwt: 18,768 kgs				
Foreign point of landing - Port de chargement étranger			Location of goods - Emplacement des marchandises Grande Anse 301			
Name of carrier - Nom du transporteur Tri State Motor Transit			Conveyance Identification - Identification du moyen de transport GAEA018			

ABA(B) (05)

To be delivered by Consignee to Customs
 À remettre à la douane par le destinataire

CUSTOMS DELIVERY AUTHORITY COPY - EXEMPLAIRE DE L'AUTORISATION DOUANIÈRE DE LIVRAISON



TRLR# 449073
 PLATE# HQ32670

U.S. DEPARTMENT OF COMMERCE
Bureau of Industry and Security

DELIVERY VERIFICATION CERTIFICATE

This certificate is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any aspect of this collection of information, including suggestions for reducing the burden, to the Director of Administration, room-3889, Bureau of Industry and Security, Washington, D.C. 20230; and to the Office of Management and Budget Paperwork Reduction Project (0694-0016).

This information is required to respond to nor shall a person be subject to a penalty for failure to comply with a collection of information that is not authorized by the Information Collection Reduction Act unless that collection of information displays a currently valid OMB Control Number.

When the U.S. Importer shall submit this form in duplicate, to the Customs Office. U.S. importer is required to complete all items on this form except the portion to be completed by the U.S. Customs Service. The Customs Office will certify a Delivery Verification Certificate only after the import has been delivered to the U.S. importer. The duly certified form shall then be dispatched by the U.S. importer to the foreign exporter or otherwise disposed of in accordance with instructions of the exporting country.

No delivery verification may be obtained unless a completed application form has been received. (50 U.S.C App § 2401 et seq., 15 C.F.R. § 748)

EXPORTER (Name and Address)
Spreewerk Lubben Bornichen 99

Name DE-15907

Address Lubben Germany

City State/Country Zip/ Postal Code

This certification applied to the goods described below, shown on U.S. Department of Commerce International Import Certificate No. 11-EX-003

ARRIVED (Name of Port) DATE OF ARRIVAL (mm/dd/yyyy)

Champlain NY 12/09/2011

IMPORTER (Name and Address)
Explo Systems Inc.

Name 1702 Fourth Street

Address Minden LA 71055

City State/Country Zip/ Postal Code

NAME OF SHIP, AIRCRAFT, OR CARRIER (Include numbers on bills of lading, airways bills, etc.)

GAEA018
Tri State Motor Transit
TSM T 000 53351

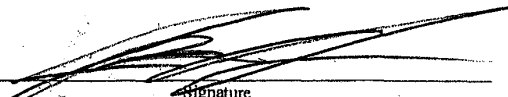
DESCRIPTION OF GOODS	QUANTITY	VALUE (FOB, CIF, etc)
Hexogen (ROX)	16.728 Kg	# 5352.96 Eur.

TO BE COMPLETED BY U.S. CUSTOMS SERVICE REGION NO.

(Custom's Seal) Authorized

DEC 09 2011 Champlain, NY 3884

CERTIFICATION-It is hereby certified that the importer has produced evidence that the goods specified above have been delivered and brought under the Export Administration Regulations of the United States.

Signature:  DATE: 12/9/11

ENTRY WAREHOUSE CONSUMPTION

NUMBER 551-98319027 DATE Dec 7, 2011

Inspector,
Please sign DVC
and Return back
to Rebecca Nuel @
AN Deringer
Thanks

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA018

Carrier No. _____

Page 1 of 1

TRI STATE MOTOR TRANSIT

Date _____

(Name of carrier)

TO:
 Consignee: **Austin Powder CO.**
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**

FROM:
 Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs POC: Monica or Roger 870-574-0580	Gwt: 41,376 Gwt: 18,768	lbs kgs		

PLACARDS TENDERED: YES NO 24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, no higher than the actual or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

As P. Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or organization in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if so to route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for receipt and his signature.

SHIPPER: _____ **CARRIER:** Tri State Motor Transit

PER: *As P. Selzer* **PER:** *L. H. Henteman*

DATE: 12-9-11



Canada Border
Services Agency

Agence des services
frontaliers du Canada

IN BOND
EN DOUANE

CARGO CONTROL DOCUMENT
DOCUMENT DE CONTRÔLE DU FRET

Acquittal No. - N° de l'acquittament

U.S. port of exit - Bureau de sortie des É.U. In transit - En transit

Manifest from - Manifeste de Grande Anse 301 To - A Lacolle 351

Consignee name and address - Nom et adresse du destinataire
Explo Systems Inc.
1702 Fourth Street
Minden, LA 71055



21GZ 0050102

Shipper name and address - Nom et adresse de l'expéditeur
Spreeverk Lubben
Bornichen 99
DE-15907 Lubben

Previous Cargo Control No. - N° de contrôle du fret antérieur
9138V381702

No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances Avances	Prepaid Port payé	Collect Port dû
816 f/b bxs on 68 plts	UN0483 Hexogen Desensitized Class 1.1D PGII Net: 16,728 kgs	Gwt: 18,768 kgs				

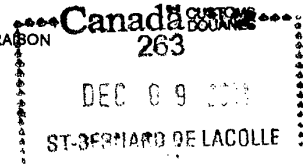
Foreign point of landing - Port de chargement étranger Location of goods - Emplacement des marchandises
Grande Anse 301

Name of carrier - Nom du transporteur Tri State Motor Transit GAEA018
Conveyance identification - Identification du moyen de transport

ABA(B) (05)

To be delivered by Consignee to Customs
À remettre à la douane par le destinataire

CUSTOMS DELIVERY AUTHORITY COPY - EXEMPLAIRE DE L'AUTORISATION DOUANIÈRE DE LIVRAISON



TRLR# 449073

PLATE# HQ32670



SPREWERK

Spreewerk Lübben GmbH
Postfach 1566, D-15905 Lübben


Explo Systems Inc.
1702 Fourth Street
71055 Minden
USA

November, 07.11.2011

DECLARATION

WE HEREBY DECLARE THAT THE WOODEN PACKING MATERIALS IS TOTALLY
FREE FROM BARK AND APPARENTLY FREE FROM LIVE PLANT PESTS.

Spreewerk Lübben GmbH


H.-J. Dusi
Logistics Manager

Spreewerk Lübben GmbH

Sitz: Börnichen 99, D-15907 Lübben · Postadresse: Postfach 1566, D-15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com · Internet: www.spreewerk.com
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede
Handelsregister: Kreisgericht Cottbus-Stadt, HRB 0151 · USt-ID-Nr.: DE 138 858 395
Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300
Dresdner Bank AG, BLZ 180 800 00, Konto: 06 200 333 00

 Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach ETV

Print Key Output Page 1
5722SS1 V5R4M0 060210 AUSTIN 12/14/11 15:03:14

Display Device : QPADEV0057
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/14/11
15:03:05

Receipt into Stores

Order No..... P108136
Advice note.. GAEA003 Stkroom. EC East Camden, AR
Item..... 06112 Composition A-5
Qty received.. 35734.000 LB

Lot Number Quantity

F12=Previous

Display Device : QPADEV0057
Jser : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/14/11
15:03:17

Receipt into Stores Item Issue Units Displayed
Order No..... P108136
Advice note.. GAEA003 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 212622 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Schedule Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
3 330600.000 LB 330600.000 06112
Due 12/12/11 Composition A-5

Lne.. Qty.. UoM..?
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

Display Device : QPADEV0057
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/14/11
15:05:13

Receipt into Stores Item Issue Units Displayed
Order No..... P108136
Advice note.. GAEO23 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 212623 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Schedule Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
3 294866.000 LB 330600.000 06112
Due 12/12/11 Composition A-5

Lne.. Qty.. UoM..?
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

Display Device : QPADEV0057
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/14/11
15:06:40

Receipt into Stores Item Issue Units Displayed
Order No..... P108136
Advice note.. GAEA002-1 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 212624 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Schedule Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
3 257987.000 LB 330600.000 06112
Due 12/12/11 Composition A-5

Lne.. 3 Qty.. 15728 UoM..?.
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

Print Key Output Page 1
5722SS1 V5R4M0 060210 AUSTIN 12/14/11 15:08:53

Display Device : QPADEV0057
User : MONICAG

PM010 02 - Austin Powder Company USER MONICAG 12/14/11
15:08:45

Receipt into Stores Item Issue Units Displayed
Order No..... P108136
Advice note.. GAEO22 Order Class. 1 Stock Order-Tax Exempt
GRN No.. 212625 Stockroom... EC East Camden, AR
EXPLO SYSTEMS LLC Schedule Order

1=Text 3=Reservations
* Lne O/s Qty UoM Order qty Item Supplier item ref
3 242259.000 LB 330600.000 06112
Due 12/12/11 Composition A-5

Lne.. Qty.. UoM..?
Int. trace.. Ext. trace.. Expir. date.. 999999
Amend Landed Costs(0/1)... 0

F3=Exit F4=Prompt F8=Receive Whole Order F12=Previous F13=Order Units
F17=Maintain Lot F21=Order text

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA019

27602512/548701WE

Carrier No. 27602512

Page 1 of 1

TRI STATE MOTOR TRANSIT

Date 12/9/11

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

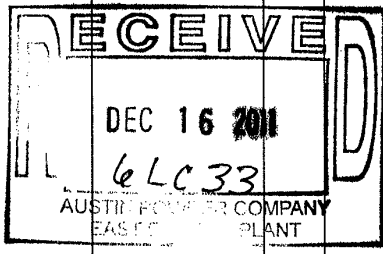
1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: Vehicle Number: 49001 Trailer Number: 548701WE Seal Number: 820426

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	<p><u>p108136</u></p> <p>UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Netq: 16,728 kgs <u>36,878.549</u></p> <p><u>Gm A 01293 Y</u></p> <p>POC: Monica or Roger 870-574-0580</p>	Gwt: 41,376 Gwt: 18,768	lbs kgs		



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

COD Amt: \$
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$
TOTAL CHARGES \$
FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: Tri State Motor Transit

PER: [Signature]

PER: [Signature]

DATE: 12/9/11



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 305) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO Christopher R. Reeves
 Chief, Federal Explosives Licensing Center, FELC
 Bureau of Alcohol, Tobacco, Firearms and Explosives
 244 Needy Road
 Martinsburg, West Virginia 25405
 Telephone: 1-877-269-0969 Fax: 1-304-615-2400

EXPIRATION DATE 5-LA-119-20-4A-00057
 January 1, 2014

NAME EXPLO SYSTEMS INC
Premises Address 1600 JAVA RD
 MINDEN, LA 70558

TYPE OF LICENSE OR PERMIT 20-MANUFACTURER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER, FELC
Christopher R. Reeves
 Christopher R. Reeves

PURCHASING CERTIFICATION
 I certify that this is a true copy of the license/permit issued to me to engage in the activity specified.

[Signature]
 (SIGNATURE OF LICENSEE/PERMITTEE)

ExploSystems
 1600 JAVA RD
 MINDEN, LA 70558

WARNING: You must notify the FELC at least 10 days before the move or change of address.

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 305. This signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/00)

BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börnichen 99 15907 Lübben	Buchungsnummer(n) Reference number(s)
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA	Beförderer Carrier

CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container/Fahrzeug-Nr.: Container/Vehicle-Nr.:
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi		Ort und Datum Place and date Lübben, November 07, 2011
Schiffname und Nummer der Reise Ship's name and voyage No. Ladehafen Port of loading MV "Anmare" Papenburg		Unterschrift für den Packier Signature on behalf of packer <i>[Signature]</i>
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)

Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unterklasse nach IMO IMO-Class	UN-Nr. UN-No.	Verpackungsgruppe Packing group
	573 pallets = 6.876 fibre cartons	Hexogen	1.1 D	UN 0483	

Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
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ZUSÄTZLICHE ANGABEN
Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).
ADDITIONAL INFORMATION
In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).

ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakettiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexogen_Explo_USA_15112011.XLS	Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper <i>[Signature]</i>
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BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVS_{ee} (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi	
Schiffname und Nummer der Reise Ship's name and voyage No.		Ort und Datum Place and date Lübben, November 07, 2011	
Ladehafen Port of loading Papenburg		Unterschrift für den Packeur Signature on behalf of packer <i>[Signature]</i>	
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) [Reserved for text, instructions or other matter]	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtli. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 573 pallets = 6.876 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) Hexogen
		Klasse/Unterklasse nach IMO-Class 1.1 D	UN-Nr. UN-No. UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; • Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. •• When required in chapter 5.4 of the IMDG-Code; ••• Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexogen_Explo_USA_15112011.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper <i>[Signature]</i>	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Expro Systems, Inc. 1600 Java Road Minden, LA 71055 Shipper's No. 3097 Shipping Date 12/14/11 Purchase Order No. Location No. EIC Freight Charges: Collect XXX Prepaid

Consigned to Austin Powder Co. Destination 7-10-10 BROADWAY State EAST CANNON, AR 71701 Customer P.O. No. 10836 Rel. No. 6AFA019

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten entries for UNO 453, HENOCEN 1.1D, PE II (COMP-5) and weight calculations.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten Signature] Invoice No. [Blank]

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Expro Systems, Inc. 1600 Java Road Minden, Louisiana 71055 8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per [Blank] DOT Hazardous Material Handling Number [Blank] Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By [Handwritten Signature] Date 12/16/11 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3098

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By TRANS NORDIQUE Freight Charges: Collect XXX Prepaid _____ Location No. E/R

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 5-AR-103-22-00139 Exp. Date 5/1/12

Destination 7-10-10 BROAD RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108136 Rel. No. 6A2A020

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION -DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>8164</u>	<u>68PT</u>	<u>UN0483, HEXOGEN 1.1D, P&II</u> <u>(Comp A-5)</u>			<u>712</u>	<u>2009082198</u>	<input checked="" type="checkbox"/>	<u>Explosives 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>816 49 174</u> Packages <u>2 US-2 4195 EA</u>
								Gross Weight # <u>41.376</u>
								Net Explosive Weight
								<u>36.885-24</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800 644 5879
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, Louisiana 71055
 (8) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 12/19/11
 CONSIGNEE CARRIER

By _____ Date _____
 AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA021

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

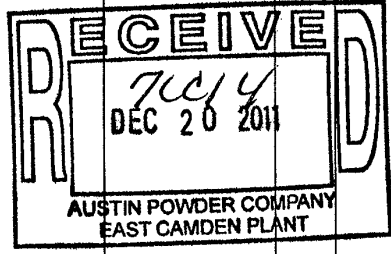
(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

TO: Consignee: **Austin Powder CO.** *PI08136*
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820428**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxes on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Net: 16,728 kgs <i>36,878.549</i> <i>gross 212849</i> POC: Monica or Roger 870-574-0580 <i>Monica Kelley</i> <i>Monica Kelley</i> <i>12/20/11</i>	Gwt: 41,376 Gwt: 18,768	41,376 lbs 18,768 kgs		



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Chas P. Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

 (Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked. Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**
 PER: *Chas P. Selge* PER: _____
 DATE: _____

BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lützen GmbH Börnichen 99 15907 Lützen		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lützen, Mr. Dusi	
Schiffsname und Nummer der Reise Ship's name and voyage No. MV "Anmare"		Ort und Datum Place and date Lützen, November 07, 2011	
Ladehafen Port of loading Papenburg		Unterschrift für den Packen Signature on behalf of packer 	
Ladehafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder ser. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 573 pallets = 6.876 fibre cartons	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) Hexogen		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0483	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 158.148 kgs Net explosive mass: 140.958 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unfilled cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexogen_Explo_USA_15112011.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lützen GmbH Ort und Datum Place and date Lützen, November 07, 2011 Unterschrift für den Versender Signature on behalf of shipper 	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 88 98-0, Wuppertal (02 02) 60 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if it is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if it is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055 Shipper's No. 3099 Shipping Date 12/14/11 Purchase Order No. Location No. E/10 By TRAVIS MORRIQUE Freight Charges: Collect Prepaid

Consigned to AUSTIN PUGH CO. Destination 7-LE-10 BROAD RD State EAST LEBLANCHE, LA 71701 Charge Account of Customer P.O. No. 108136 Rel. No. 6427021 Exp. Date 5/1/12

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION CODE, H M, Placards Applied to Railcar or Motor Vehicle. Row 1: 5164, 68PT, UN0483, HEXOGEN, 1.1D, PCJT (Comp A-5), #112, 2005082195, 4, Explosives 1.1

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten] Invoice No. [Blank] FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (313) 382-8700 I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition. Received By Monica Kelly Date 12/20/11

Per [Blank] DOT Hazardous Material Handling Number [Blank] Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) AUTHORIZED RECEIVER [Blank] Date [Blank]

*SLC & SEALER
M. Roy Elmedel
12-17-11*

LOLL'OO

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA024

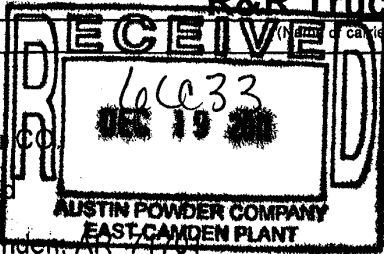
P108136

Carrier No. _____

Page 1 of 1

R&R Trucking

Date _____



TO:
Consignee: Austin Powder Co.
Street: 7-LC Blandy Road
City, State, Zip Code: East Camden, NJ 08314

FROM:
Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820431**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxes on 68 plts	X	<p><i>ERG GUIDE 112 PAGE 172</i></p> <p>UN0483, Hexogen, 1.1D, PG II EX-2009080198 Neq: 16,728 kgs <i>36,878.549</i></p> <p>POC: Monica or Roger 870-574-0580 <i>grm 212845</i></p>	Gwt: 41,376 Gwt: 18,768	lbs kgs		

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
[Signature] Signature

COD Amt: \$ _____
C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described here is apparent good order, except as noted (contents and condition of contents of packages unitized), marked, assigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of, said property over all or any portion of said route to

destination and as to each party at all time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his consignee.

SHIPPER:

CARRIER: R&R Trucking

PER: *[Signature]*

PER: *Brian SLC*

DATE: *12/19/11*

SB1099 12/19/11

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3102

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By R/R Freight Charges: Collect XXX Prepaid _____ Location No. E/C

(Mail or Street Address of Consignee - For purposes of notification only)

Consigned to AUSTIN POWDER CO Fed Lic. 5-1412-103-20-2E-00139 Exp. Date 5/1/12

Destination 7-11-10 BRANDY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN, AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108136 Rel. No. 6AFA024

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION CODE	H M	Placards Applied to Railcar or Motor Vehicle
<u>97646</u>	<u>68PT</u>	<u>UN0483 HYDROGEN, LIQ, PG II (Comp A-5)</u>			<u>112</u>	<u>2009082193</u>	<input checked="" type="checkbox"/>	<u>EXPLOSIVE 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>516.46 BT</u> <u>2.45, 2 LB EA</u> Packages
								Gross Weight # <u>41.376</u>
								Net Explosive Weight <u>36.88524</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 LLP644577

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (337) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 12/19/11
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

By _____ Date _____
 AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

R&R Trucking

7LC12

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

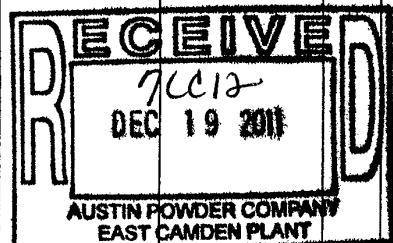
1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820432

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs <u>36,878.549</u>	Gwt: 41,376 Gwt: 18,768	lbs kgs		

GR # 212849
POC: Monica or Roger 870-574-0580



PLACARDS TENDERED: YES NO 24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Notes - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "This agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and the consignee.

SHIPPER: _____ CARRIER: R&R Trucking

PER: Chas P Selzer PER: Shawn M

DATE: 12/19/11

SB 1099
12/19/11

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

R&R Trucking
(Name of carrier)

Date _____

TO:
Consignee: Austin Powder CO.

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820432**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs	Gwt: 41,376 Gwt: 18,768	lbs kgs		
POC: Monica or Roger 870-574-0580						

<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____" (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p>24 Hr Number and ERAP 2-1684-001 1-888-922-3330</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><i>Chas P Selge</i> Signature <small>(Signature of Consignor)</small></p>
<p><small>RECEIVED, subject to the classification and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if in its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to</small></p>	<p><small>destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his consignee.</small></p>
<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p style="text-align: right;">FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collected <input type="checkbox"/></p>	

SHIPPER:	CARRIER: R&R Trucking
PER: <i>Chas P Selge</i>	PER: <i>Shawn J M</i>
	DATE: 12/10/11

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

R&R Trucking

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada


1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701



24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820432**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs	Gwt: 41,376 Gwt: 18,768	lbs kgs		
POC: Monica or Roger 870-574-0580						

PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/>		24 Hr Number and ERAP 2-1684-001 1-888-922-3330	
Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____" (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodity requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.	I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	COD Amt: \$ _____ Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____ TOTAL CHARGES \$ _____ FREIGHT CHARGES: FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/>
		 (Signature of Consignor)	

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (quantity and condition of contents of packages unknown), marked, numbered, and certified as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route its destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his designee.

SHIPPER:	CARRIER: R&R Trucking
PER: 	PER: 
	DATE: 12/10/11

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

R&R Trucking

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

1-800-424-9300 (CHEMTREC)

City, State, Zip Code: **East Camden, AR 71701**

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820432**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Neq: 16,728 kgs	Gwt: 41,376 Gwt: 18,768	lbs kgs		<input checked="" type="checkbox"/>
POC: Monica or Roger 870-574-0580						

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

<p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><small>(Signature of Consignor)</small></p>	<p>COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p>FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></p>
--	--

RECEIVED, subject to the aforementioned and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier, the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract, agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: **R&R Trucking**

PER: *[Signature]*

PER: *[Signature]*

DATE: **12/10/11**

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 3103

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By R/R Freight Charges: Collect Prepaid _____ Location No. E/C

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to ABSTAR POWDER CO. Fed Lic. 5-A12-103-20-20-00139 Exp. Date 5/1/12

Destination 7-22-10 BROADY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108136 Rel. No. LAETA025

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION CODE	H M	Placards Applied to Railcar or Motor Vehicle
<u>8164</u>	<u>68PT</u>	<u>UN0483, HEXOGEN 1.1D, P6 II</u> <u>(Camp A-5)</u>			<u>112</u>	<u>2009080198</u>	<input checked="" type="checkbox"/>	<u>Explosives 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>81646.17K</u> Packages <u>452.43 EA</u>
								Gross Weight # <u>41376</u>
								Net Explosive Weight
								<u>36,885.24</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 202644587

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(338) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 12/19/11
 CONSIGNEE CARRIER

By _____ Date _____
AUTHORIZED RECEIVER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

Agent must detach and retain this Shipping Order

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 3095
Shipping Date 12/14/11
Purchase Order No.
By R/R Freight Charges: Collect XXXX Prepaid Location No. E/C

Consigned to AUSTIN POWDER CO
Destination 7-LL-10 BLANDY RD State
County EAST CAMDEN, AR Route 71701
Charge Account of Customer P.O. No. 108136 Rel. No. 6A2A003

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten entries for UN0483, Hexobenzene, 1.1D, PETE and Explosives 1.1.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten Signature] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 3382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per DOT Hazardous Material Handling Number Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By Monica Kelly Date 12/14/11
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055
Shipper's No. 3095
Shipping Date 12/14/11
Purchase Order No.
Freight Charges: Collect XXXX Prepaid
Location No. E/C

Consigned to Austin Powder Co
Destination 7-LL-10 BARRY RD State
County EAST CAMDEN, AR
Route 71701
Fed Lic. 5-AR-103-20-2E-00139 Exp. Date 5/1/12
Customer P.O. No. 108136 Rel. No. 6AEA003

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS, RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO., EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten entries for UN0485, 112, and 35.280.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten Signature] Invoice No. [Blank]

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 3) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per [Blank] DOT Hazardous Material Handling Number Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)

Received By [Handwritten Signature] Date 12/14/11
By [Blank] AUTHORIZED RECEIVER Date [Blank]

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, It this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
 1600 Java Road
 Minden, LA 71055

Shipper's No. 3104

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By R/JR Freight Charges: Collect XXX Prepaid _____ Location No. LR

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to Austin Power Co Fed Lic. 5-AR-103 20-28-00139 Exp. Date 5/1/12

Destination 7-LE-10 PHARMY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108136 Rel. No. GACTA002-1

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION DOT-E	H M	Placards Applied to Railcar or Motor Vehicle
<u>34849</u>	<u>29PT</u>	<u>UN0483, Hexogen, 1.1D, P67 (CompA-5)</u>			<u>112</u>	<u>2009080148</u>	<input checked="" type="checkbox"/>	<u>Explosives 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>34846.04</u> Packages <u>@ 45.2 LBS EA</u>
								Gross Weight # <u>17,646</u>
								Net Explosive Weight
								<u>15,730.47</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 CC 1644589

Permanent Address of Shipper: Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (3) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By [Signature] Date 12/14/11
 CONSIGNEE CARRIER

Per _____ DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper)
 By _____ AUTHORIZED RECEIVER Date _____

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment. Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: **Explo Systems, Inc.**
 1600 Java Road
 Minden, LA 71055

Shipper's No. **3096**

Shipping Date **12/14/11**

At _____ Purchase Order No. _____

By **TSMT** Freight Charges: Collect **XXX** Prepaid _____ Location No. **E/C**

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to **AUSTIN POWDER CO.** Fed Lic. **5-AR-103-20-25-00139** Exp. Date **5/1/12**

Destination **7-CC-10 BLANDY RD** State _____ State Lic. _____ Exp. Date _____

County **EAST CAMDEN AR** 71701 Customer No. _____

Route _____

Charge Account of _____ Customer P.O. No. **108136** Rel. No. **GAEA018**

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION CODE	H M	Placards Applied to Railcar or Motor Vehicle
81646	68 PT	UN0483, HEXOGEN, 1.1D, P.C. II (Comp A-5)			112	2009282/98	R	EXPLOSIVES 1.1
								Truck No.
								Trailer No.
								Mileage
								Total 516 45 BT & 43 48 LB Packages
								Gross Weight # 41.376
								Net Explosive Weight
								35,842.99 LBS

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature *[Signature]* Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
 IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 **CCP644589**

Permanent Address of Shipper:
Explo Systems, Inc.
 1600 Java Road
 Minden, Louisiana 71055
 (504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Received By *[Signature]* Date **12/14/11**
 CONSIGNEE CARRIER

By _____ Date _____
 AUTHORIZED RECEIVER

Per _____
 DOT Hazardous Material Handling Number _____
 Local Federal Explosives License No. 5-LA-119-20-1A-00057
 (Shipper)

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

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Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 3100

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By R/R Freight Charges: Collect XXX Prepaid _____ Location No. E/C

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to AUSTIN POLYMER CO Fed Lic. 5-AR-103-20-DE-00139 Exp. Date 5/1/12

Destination 7-LE-10 BRANDY RD State _____ State Lic. _____ Exp. Date _____

County EAST CANNON AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108136 Rel. No. 6A2A022

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION CODE	H M	Placards Applied to Railcar or Motor Vehicle
<u>51646</u>	<u>68PT</u>	<u>UN0453, HENGEN, 1.1D, PG II</u> <u>(COMP A-05)</u>			<u>112</u>	<u>2209080198</u>	<input checked="" type="checkbox"/>	<u>Explosives 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>576 46.134</u> Packages <u>@ 45.2 LB EA</u>
								Gross
								Weight # <u>41.376</u>
								Net Explosive Weight
								<u>34.885-24</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 LLN0644359

Permanent Address of Shipper: **Explo Systems, Inc.**
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____ Received By [Signature] Date 12/14/11
 CONSIGNEE CARRIER

DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper) By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the sold terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

Shipper's No. 3101

Shipping Date 12/14/11

At _____ Purchase Order No. _____

By R/R Freight Charges: Collect XXX Prepaid _____ Location No. E/C

(Mail or Street Address of Consignee — For purposes of notification only)

Consigned to AUSTIN POWER CO Fed Lic. 5-142-103-20-2E-00139 Exp. Date 5/1/12

Destination 7-16-10 BIRNBY RD State _____ State Lic. _____ Exp. Date _____

County EAST CAMDEN AR Customer No. _____

Route 71701

Charge Account of _____ Customer P.O. No. 108134 Rel. No. 6A2A023

SHIPPED No. of PKGS	SHIPPED No. of UNITS	PROPER SHIPPING NAME AND HAZARD CLASS	RETURNED No. of PKGS	RETURNED No. of UNITS	EMERGENCY RESPONSE PROCEDURE GUIDE NO.	EXEMPTION CODE	H M	Placards Applied to Railcar or Motor Vehicle
<u>8164</u>	<u>68DT</u>	<u>UNCLAS. Hexogen, 1.1D, P&H (COMPA-3)</u>			<u>112</u>	<u>2009080198</u>	<input checked="" type="checkbox"/>	<u>Explosives 1.1</u>
								Truck No.
								Trailer No.
								Mileage
								Total <u>8164</u> PKG <u>845.2218</u> EA
								Gross Weight # <u>41.376</u>
								Net Explosive Weight <u>36885.24</u>

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. _____

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC — DAY OR NIGHT
IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887 CCP044589

Permanent Address of Shipper:
Explo Systems, Inc.
1600 Java Road
Minden, Louisiana 71055
(504) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per _____
DOT Hazardous Material Handling Number _____
Local Federal Explosives License No. 5-LA-119-20-1A-00057
(Shipper)

Received By [Signature] Date 12/14/11
 CONSIGNEE CARRIER
By _____ Date _____
AUTHORIZED RECEIVER

CONTAINS HAZARDOUS MATERIALS

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, to the said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry the said property to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if it is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if it is a motor carrier shipment.

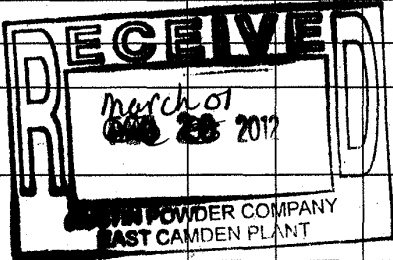
Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055 Shipper's No. 2756 Shipping Date 3-1-12 Purchase Order No. Freight Charges: Collect xxx Prepaid Location No. 1607

P112095

Consigned to Austin Powder Co (Mail or Street Address of Consignee - For purposes of notification only) Destination 76-10 Bandy Rd State AR County EAST CAMDEN AR 71701 Charge Account of 870-574-0580

Table with 10 columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS (1325), RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO. #112, EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle EXPLOSIVES 1.3



grn # 215840

Seat # 2745584/2745585

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No.

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 (313) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per [Signature] Received By [Signature] Date

DOT Hazardous Material Handling Number Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) AUTHORIZED RECEIVER Date

STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below, to the said carrier (the word carrier being understood throughout this contract meaning any person or corporation in possession of the property under the contract) agrees to carry the same to its usual place of delivery of said destination. It on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each of all or any of the said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service lobe performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading Set forth (t) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

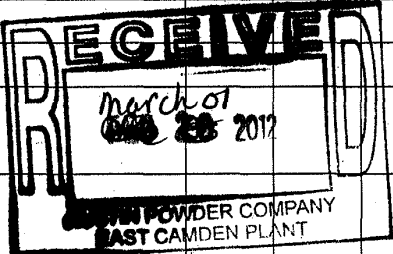
Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055 Shipper's No. 2756 Shipping Date 3-1-12 Purchase Order No. Location No. 1607

P112095

Consigned to Austin Powder Co (Mail or Street Address of Consignee - For purposes of notification only) Destination 710-10 BRANDY RD State EAST CAMDEN AR 71701 Charge Account of 870-574-0580

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS (1325), RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO. #112, EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle EXPLOSIVES 1.3



gross wt 215840

Seal #

2745584/2745585

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Signature] Invoice No. [Blank]

FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055 3) 382-8700

I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition.

Per [Signature] Received By [Signature] Date [Blank] DOT Hazardous Material Handling Number [Blank] Local Federal Explosives License No. 5-LA-119-20-1A-00057 (Shipper) AUTHORIZED RECEIVER

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER: **2756**

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION: **R/R/NOT**

3. DATE/TIME OF INSPECTION: **3-1-12**

4. LOCATION OF INSPECTION: **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S): **ROBERT BRADY**

6. OPERATOR(S) LICENSE NUMBER(S): **M70216 2007 MD**

7. MEDICAL EXAMINER'S CERTIFICATE: **2-24-13**

B. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT: YES NO

b. VALID LEASE: YES NO

c. ROUTE PLAN: YES NO

d. ERG OR EQUIVALENT COMMERCIAL: YES NO

e. DRIVER'S VEHICLE INSPECTION REPORT: YES NO

f. COPY OF 49 CFR PART 397: YES NO

8. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT: YES NO

a. TRUCK/TRACTOR: YES NO

b. TRAILER: YES NO

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S): **Tractor Trailer**

11. VEHICLE NUMBER(S): **Tractor # 2248 / Trailer # 7810153**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					x. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN
j. FUEL SYSTEM					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED

(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin): *[Signature]*

17. INSPECTOR SIGNATURE (Destination): *[Signature]*

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DO FORM 626 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin): *[Signature]*

26. DRIVER(S) SIGNATURE (Origin): *[Signature]*

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)
(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR.

1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER: **2756**

SECTION I - DOCUMENTATION

2. CARRIER/GOVERNMENT ORGANIZATION: **R/R/NOT**

3. DATE/TIME OF INSPECTION: **3-1-12**

4. LOCATION OF INSPECTION: **EXPLo Systems Inc.**

5. OPERATOR(S) NAME(S): **ROGER GARY**

6. OPERATOR(S) LICENSE NUMBER(S): **M702162007 MO**

7. MEDICAL EXAMINER'S CERTIFICATE: **2-24-13**

8. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT: YES NO

b. VALID LEASE: YES NO

c. ROUTE PLAN: YES NO

d. ERG OR EQUIVALENT COMMERCIAL: YES NO

e. DRIVER'S VEHICLE INSPECTION REPORT: YES NO

f. COPY OF 49 CFR PART 397: YES NO

9. CVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT: YES NO

a. TRUCK/TRACTOR: YES NO

b. TRAILER: YES NO

SECTION II - MECHANICAL INSPECTION
All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S): **Tractor Trailer**

11. VEHICLE NUMBER(S): **Tractor # 2248 / Trailer # 7810153**

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					x. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD/WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR*
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN
j. FUEL SYSTEM					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin): *[Signature]*

17. INSPECTOR SIGNATURE (Destination):

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED IAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 628 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 068					

25. INSPECTOR SIGNATURE (Origin): *[Signature]*

26. DRIVER(S) SIGNATURE (Origin): *[Signature]*



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
Potassium Sulfate	7778-80-5	2.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Nitrocellulose (flammable solid)	--	87.00	OSHA PEL none published ACGIH TLV none published EPA RQ (none defined) DOT RQ (none defined)
Dinitrotoluene	25321-14-6	10.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

PROPELLANT (Wetted)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Propellant, Explosive, Solid, Wetted
Technical Information Phone No.: 318 382 8700

For Chemical Emergency (Spill, Fire, Exposure or Accident) call CHEMTREC day or night. Within the US and Canada: +1 800-424-9300. Outside the US and Canada: +1 703-527-3887 (collect calls accepted).

Ingredient	CAS No.	Wt. %	OSHA PEL ACGIH TLV EPA RQ (if defined) DOT RQ (if defined)
Dibutyl Phthalate	84-74-2	3.00	OSHA PEL 5 mg/m ³ ACGIH TLV 5 mg/m ³ EPA RQ 10 lbs DOT RQ 10 lbs
Diphenylamine	122-39-4	1.00	OSHA PEL 10 mg/m ³ ACGIH TLV 10 mg/m ³ EPA RQ (none defined) DOT RQ (none defined)
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SECTION II - HAZARDS IDENTIFICATION

PROPELLANT		HAZARDOUS MATERIALS IDENTIFICATION SYSTEM	
HEALTH	2	2	HAZARD INDEX 4 = SEVERE HAZARD 3 = SERIOUS HAZARD 2 = MODERATE HAZARD 1 = SLIGHT HAZARD 0 = MINIMAL HAZARD An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification. Additional information:
FLAMMABILITY	4	4	
PHYSICAL HAZARD	4	4	
PERSONAL PROTECTION		[B]	
PERSONAL PROTECTION EQUIPMENT			
A Safety Goggles	h Splash Goggles	O Face Shield	P Goggles
q Boots	f Synthetic Suit	S Full Body	t Head Protection
U Hearing Protection	W Hand & Wrist Protection	Y Fall Protection	Z Respiratory Protection
			X Consult your supervisor or S.D.P. for SPECIAL handling directions
PERSONAL PROTECTION INDEX			
A	☒		
B	☒ + ☐		
C	☒ + ☐ + ☐		
D	☒ + ☐ + ☐ + ☐		
E	☒ + ☐ + ☐ + ☐ + ☐		
F	☒ + ☐ + ☐ + ☐ + ☐ + ☐		
G	☒ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐		
H	☒ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐		
I	☒ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐		
J	☒ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐		
K	☒ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐ + ☐		

Routes of Entry: Inhalation; Skin; Ingestion
 Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately.
 INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

SECTION II - HAZARDS IDENTIFICATION

PROPELLANT	
HEALTH	2 2
FLAMMABILITY	4
PHYSICAL HAZARD	4
PERSONAL PROTECTION [B]	

HAZARD INDEX		PERSONAL PROTECTION INDEX
4 = SEVERE HAZARD	An asterisk (*) or other designation corresponds to additional information on a data sheet or separate chronic effects notification.	A
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2 = MODERATE HAZARD		C
1 = SLIGHT HAZARD		D
0 = MINIMAL HAZARD	Additional Information	E

PERSONAL PROTECTION EQUIPMENT			
A	n	D	P
q	r	S	I
U	W	y	Z

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Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

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U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER
EX2010040603

PRODUCT DESIGNATION/PART NUMBER
Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1



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of Transportation

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1200 New Jersey Avenue, Southeast
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Page 1 of 1

POTENTIAL HAZARDS

FIRE OR EXPLOSION

- MAY EXPLODE AND THROW FRAGMENTS 1600 meters (1 MILE) OR MORE IF FIRE REACHES CARGO.
- For information on "Compatibility Group" letters, refer to Glossary section.

HEALTH

- Fire may produce irritating, corrosive and/or toxic gases.

PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- Isolate spill or leak area immediately for at least 500 meters (1/3 mile) in all directions.
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial evacuation for 800 meters (1/2 mile) in all directions.

Fire

- If rail car or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, ISOLATE for 1600 meters (1 mile) in all directions; also, initiate evacuation including emergency responders for 1600 meters (1 mile) in all directions.
- When heavily encased explosives are not involved, evacuate the area for 800 meters (1/2 mile) in all directions.

* For information on "Compatibility Group" letters, refer to the Glossary section.

EMERGENCY RESPONSE

FIRE

CARGO Fire

- DO NOT fight fire when fire reaches cargo! Cargo may EXPLODE!
- Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let burn.
- Do not move cargo or vehicle if cargo has been exposed to heat.

TIRE or VEHICLE Fire

- Use plenty of water - FLOOD it! If water is not available, use CO₂, dry chemical or dirt.
- If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area.
- Pay special attention to tire fires as re-ignition may occur. Stand by with extinguisher ready.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- DO NOT OPERATE RADIO TRANSMITTERS WITHIN 100 meters (330 feet) OF ELECTRIC DETONATORS.
- DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

FIRST AID

- Move victim to fresh air. Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

* For information on "Compatibility Group" letters, refer to the Glossary section.

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STRAIGHT BILL OF LADING

NOT NEGOTIABLE

RECEIVED, subject to the classification and tariffs in effect on the date of the issue of this Original Bill of Lading. The property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown) consigned, and destined as indicated below...

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accept for himself and his assigns.

Shipper: Explo Systems, Inc. 1600 Java Road Minden, LA 71055. Shipper's No. 2756. Shipping Date 3-1-12. Purchase Order No. Location No. 1607. Freight Charges: Collect xxx Prepaid.

Consigned to Austin Powder Co (Mail or Street Address of Consignee - For purposes of notification only). Destination 760-10 Blandy Rd State AR. Charge Account of 870-574-0580. Fed Lic. 5-AR-103-20-35-00139. Exp. Date 5/1/12.

Table with columns: SHIPPED No. of PKGS, SHIPPED No. of UNITS, PROPER SHIPPING NAME AND HAZARD CLASS (1325), RETURNED No. of PKGS, RETURNED No. of UNITS, EMERGENCY RESPONSE PROCEDURE GUIDE NO. #112, EXEMPTION DOT-E, H M, Placards Applied to Railcar or Motor Vehicle. Includes handwritten 'RECEIVED' stamp and '215840'.

This is to certify that the above-named materials are properly classified, described, packaged, marked, and labeled and are in proper condition for transportation, according to the applicable regulations of the Department of Transportation.

Signature [Handwritten] Invoice No. [Blank]. FOR CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CALL CHEMTREC - DAY OR NIGHT IN THE USA CALL 800-424-9300 IN CANADA (ERP #2-0040) 800-561-3636 ELSEWHERE CALL (703) 527-3887

Permanent Address of Shipper: Explo Systems, Inc. 1600 Java Road Minden, Louisiana 71055. I have been offered placards identifying the shipment as Specified in 49CFR Subpart F of Part 172. I have received the above goods in apparent good order and condition. Received By [Blank] Date [Blank]. AUTHORIZED RECEIVER.

MOTOR VEHICLE INSPECTION (TRANSPORTING HAZARDOUS MATERIALS)

(Read Instructions before completing this form.)

This form applies to all vehicles which must be marked or placarded in accordance with Title 49 CFR. 1. BILL OF LADING/TRANSPORTATION CONTROL NUMBER
2756

SECTION I - DOCUMENTATION	ORIGIN a.	DESTINATION b.
2. CARRIER/GOVERNMENT ORGANIZATION	R/R/USF	
3. DATE/TIME OF INSPECTION	3-1-12	
4. LOCATION OF INSPECTION	EXPLo Systems Inc.	
5. OPERATOR(S) NAME(S)	ROGER GRAY	
6. OPERATOR(S) LICENSE NUMBER(S)	MJ02162007 MO	
7. MEDICAL EXAMINER'S CERTIFICATE	2-24-13	

B. (X if satisfactory at origin)

a. MILITARY HAZMAT ENDORSEMENT	<input checked="" type="checkbox"/>	d. ERG OR EQUIVALENT COMMERCIAL:	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	9. GVSA DECAL DISPLAYED ON COMMERCIAL EQUIPMENT	<input type="checkbox"/> YES	<input type="checkbox"/> NO
b. VALID LEASE	<input checked="" type="checkbox"/>	e. DRIVER'S VEHICLE INSPECTION REPORT	<input checked="" type="checkbox"/>		a. TRUCK/TRACTOR	<input type="checkbox"/>	<input type="checkbox"/>
c. ROUTE PLAN	<input checked="" type="checkbox"/>	f. COPY OF 49 CFR PART 397	<input type="checkbox"/>		b. TRAILER	<input type="checkbox"/>	<input type="checkbox"/>

SECTION II - MECHANICAL INSPECTION

All items shall be checked on empty equipment prior to loading. Items with an asterisk shall be checked on all incoming loaded equipment.

10. TYPE OF VEHICLE(S) Tractor Trailer	11. VEHICLE NUMBER(S) Tractor # 2248 / Trailer # 7810153
--	--

12. PART INSPECTED (X as applicable)	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
a. SPARE ELECTRICAL FUSES					k. EXHAUST SYSTEM
b. HORN OPERATIVE					l. BRAKE SYSTEM*
c. STEERING SYSTEM					m. SUSPENSION
d. WINDSHIELD WIPERS					n. COUPLING DEVICES
e. MIRRORS					o. CARGO SPACE
f. WARNING EQUIPMENT					p. LANDING GEAR
g. FIRE EXTINGUISHER*					q. TIRES, WHEELS, RIMS
h. ELECTRICAL WIRING					r. TAILGATE/DOORS*
i. LIGHTS AND REFLECTORS					s. TARPULIN
j. FUEL SYSTEM					t. OTHER (Specify)

13. INSPECTION RESULTS (X one) ACCEPTED REJECTED
(If rejected give reason under "Remarks". Equipment will be approved if deficiencies are corrected prior to loading.)

14. SATELLITE MOTOR SURVEILLANCE SYSTEM: (X one) ACCEPTED REJECTED

15. REMARKS

16. INSPECTOR SIGNATURE (Origin) 	17. INSPECTOR SIGNATURE (Destination)
--------------------------------------	---------------------------------------

SECTION III - POST-LOADING INSPECTION

This section applies to Commercial and Government/Military vehicles. All items will be checked prior to release of loaded equipment and shall be checked on all incoming loaded equipment.

	ORIGIN (1)		DESTINATION (2)		COMMENTS (3)
	SAT	UNSAT	SAT	UNSAT	
18. LOADED LAW APPLICABLE SEGREGATION/COMPATIBILITY TABLE OF 49 CFR					
19. LOAD PROPERLY SECURED TO PREVENT MOVEMENT					
20. SEALS APPLIED TO CLOSED VEHICLE; TARPULIN APPLIED ON OPEN EQUIPMENT					
21. PROPER PLACARDS APPLIED					
22. SHIPPING PAPERS/DD FORM 836 FOR GOVERNMENT VEHICLE SHIPMENTS					
23. COPY OF DD FORM 628 FOR DRIVER					
24. SHIPPED UNDER DOT SPECIAL PERMIT 868					

25. INSPECTOR SIGNATURE (Origin) 	26. DRIVER(S) SIGNATURE (Origin)
--------------------------------------	--------------------------------------



Explo Systems, Inc.
1600 Java Road
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

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PHYSICAL HAZARD	4		
PERSONAL PROTECTION		[B]	
PERSONAL PROTECTION EQUIPMENT			
A Safety Glasses	n Splash Goggles	O Face Shield (with eye protection)	P Gloves
q Boots	r Synthetic Apron	S Full Suit	t Hard Hat/Headwear
U Respirator	W Cover & Veils (Respirator)	Y Full Face Respirator	Z No Hand or Foot
			PERSONAL PROTECTION INDEX A: Safety Glasses B: Safety Glasses + Gloves C: Safety Glasses + Gloves + Footwear D: Safety Glasses + Gloves + Footwear + Head Protection E: Safety Glasses + Gloves + Footwear + Head Protection + Respirator F: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit G: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection H: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection + Additional Protection I: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection + Additional Protection + Additional Protection J: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection + Additional Protection + Additional Protection + Additional Protection K: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection L: Safety Glasses + Gloves + Footwear + Head Protection + Respirator + Protective Suit + Hand Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection + Additional Protection M: Consult your supervisor or S.O.P. for "SPECIAL" handling directions

Routes of Entry: Inhalation; Skin; Ingestion
 Carcinogenicity: None

First Aid Measures: EYES - Immediately flush with copious amount of water (low pressure) for 15 minutes, remove contact lenses; call physician. SKIN - Wash with soap and running water. INGESTION - Contact physician immediately. INHALATION - Remove to fresh air. Treat irritation symptomatically; call physician.

Firefighting Measures: Self-oxidizing, deluge with water. Will not be able to extinguish unless large quantity of water is used in very short time. Use NIOSH/MSHA approved SCBA and full protective equipment; evacuate area.

Unusual Fire/Explosion Hazard: Easily ignited, highly combustible; protect from fire and sparks and extreme heat.

Autoignition: 383°F (195°C)

Hazardous Combustion Products: Oxides of Carbon

Accidental Release Measures: SPILL - Clean immediately with soft (horsehair) brush and conductive rubber or plastic shovel. Use brass or other non-sparking tools and utensils. DO NOT hammer or otherwise cause impact forces to spilled material (explosion or autoignition could occur with impact force being applied).

SECTION III - HANDLING AND STORAGE

Precautions: Avoid prolonged temperature above 125°F (50°C). Normal storage conditions should be 75°F (21°C) and 50% Humidity. Storage must conform to local, state and federal regulations, specifically: 29 CFR OSHA 1910.109; 27 CFR BATFE 55 subpart K.

Other Special Precautions: Flammable Solid...Keep away from heat, sparks, open flame...Keep containers closed...use with adequate ventilation.

Ventilation: Local and general ventilation necessary to keep air concentration below TLV's.

Personal Protective Equipment: Safety Glasses, Cotton or Leather Gloves, Fire Resistant Coveralls.

SECTION IV - PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 1.496

Evaporation Rate: <1 (Butylacetate = 1)

Solubility in Water: negligible

Appearance and Odor: Hard Cylinder Perforated, Smooth, Greenish Yellow. Odorless.

Materials to Avoid: Oxides of Nitrogen and Carbon.

Conditions to Avoid: Open Flame, Sparks, Heat, Direct Sunlight.
Hazardous Decomposition Products: Oxides of Carbon

SECTION V - DISPOSAL CONSIDERATIONS

Disposal must be in accordance with federal, state and local regulations. Burn in open burning ground in accordance with regulatory requirements. It may also be burned in an incinerator approved for explosives.

DISCLAIMER

The information contained in this MSDS (Material Safety Data Sheet) is based upon available constituent data for the components of **Propellant** and is believed to be correct. However, as this information has been obtained from various sources, including the manufacturers of its components and independent laboratories, it is provided herein without warranty or representation that it is complete, accurate and can be relied upon. Explo Systems, Inc. has not attempted to conceal in any manner the deleterious aspects of this product, and makes no warranty as such. Explo Systems, Inc. cannot anticipate nor control the many situations in which this product or this information may be used; there is no guarantee that the health and safety precautions suggested herein will be proper under all conditions. It is the sole responsibility of each user of the product to determine and comply with the requirements of all applicable laws and regulations regarding its use. This information is given solely for the purposes of safety to persons and property. Any other use of this information is expressly prohibited.

AUTHOR

This MSDS was prepared by: Ferris Callihan, PE - Director Support Technology - Explo Systems, Inc. - 1600 Java Road - Minden, LA 71055 - Tel 318 382 8700 - E-mail: fcallihan@explosystems.com



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES
FIRST REVISION

Based upon a request by Explo Systems Inc., 1600 Java Road, Minden, LA 71055, United States the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Powder, smokeless, UN0161

U.N. CLASSIFICATION CODE: 1.3C

REFERENCE NUMBER

EX2010040603

PRODUCT DESIGNATION/PART NUMBER

Reclaimed M6 Propellant

NOTES: This classification is only valid when the smokeless powder has been tested and found to have sufficient residual stabilizers present per US Army Safety Bulletin: "Inspection of Supplies and Equipment, Ammunition Surveillance Procedures" (SB 742-1). The following packaging methods are assigned:

Packaging Method A: Inner Packaging - Not necessary. Outer Packaging - UN 1G fiberdrum, each containing not more than one hundred and forty (140) pounds of smokeless propellant.

Packaging Method B: Inner Packaging: Flexible static-resistant reinforced plastic cloth and strapping lifting bag, each containing not more than eight hundred and eighty (880) pounds of smokeless propellant. Outer Packaging - UN 4G heavy-wall fiberboard box with a volumetric capacity of 119 gallons or less. (see 49 CFR Section 171.8 Definition for "Non-bulk packaging")

DATED: 05/05/2011

Harpreet K Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011040848

Page 1 of 1

POTENTIAL HAZARDS

- FIRE OR EXPLOSION**
- MAY EXPLODE AND THROW FRAGMENTS 1600 meters (1 MILE) OR MORE IF FIRE REACHES CARGO.
 - For information on "Compatibility Group" letters, refer to Glossary section.

HEALTH

- Fire may produce irritating, corrosive and/or toxic gases.

PUBLIC SAFETY

- CALL Emergency Response Telephone Number on Shipping Paper first. If Shipping Paper not available or no answer, refer to appropriate telephone number listed on the inside back cover.
- Isolate spill or leak area immediately for at least 500 meters (1/3 mile) in all directions.
- Move people out of line of sight of the scene and away from windows.
- Keep unauthorized personnel away.
- Stay upwind.
- Ventilate closed spaces before entering.

PROTECTIVE CLOTHING

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural firefighters' protective clothing will only provide limited protection.

EVACUATION

Large Spill

- Consider initial evacuation for 800 meters (1/2 mile) in all directions.

Fire

- If rail car or trailer is involved in a fire and heavily encased explosives such as bombs or artillery projectiles are suspected, ISOLATE for 1600 meters (1 mile) in all directions; also, initiate evacuation including emergency responders for 1600 meters (1 mile) in all directions.
- When heavily encased explosives are not involved, evacuate the area for 800 meters (1/2 mile) in all directions.

* For information on "Compatibility Group" letters, refer to the Glossary section.

EMERGENCY RESPONSE

FIRE

CARGO Fire

- DO NOT fight fire when fire reaches cargo! Cargo may EXPLODE!
- Stop all traffic and clear the area for at least 1600 meters (1 mile) in all directions and let burn.
- Do not move cargo or vehicle if cargo has been exposed to heat.

TIRE or VEHICLE Fire

- Use plenty of water - FLOOD it! If water is not available, use CO₂ dry chemical or dirt.
- If possible, and WITHOUT RISK, use unmanned hose holders or monitor nozzles from maximum distance to prevent fire from spreading to cargo area.
- Pay special attention to tire fires as re-ignition may occur. Stand by with extinguisher ready.

SPILL OR LEAK

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).
- All equipment used when handling the product must be grounded.
- Do not touch or walk through spilled material.
- DO NOT OPERATE RADIO TRANSMITTERS WITHIN 100 meters (330 feet) OF ELECTRIC DETONATORS.
- DO NOT CLEAN-UP OR DISPOSE OF, EXCEPT UNDER SUPERVISION OF A SPECIALIST.

FIRST AID

- Move victim to fresh air. • Call 911 or emergency medical service.
- Give artificial respiration if victim is not breathing.
- Administer oxygen if breathing is difficult.
- Remove and isolate contaminated clothing and shoes.
- In case of contact with substance, immediately flush skin or eyes with running water for at least 20 minutes.
- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

* For information on "Compatibility Group" letters, refer to the Glossary section.

1202

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA020

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

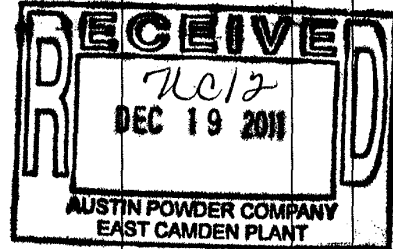
TO:
Consignee: Austin Powder CO.
Street: 7-LC Blandy Road
City, State, Zip Code: East Camden, AR 71701

p108136

FROM:
Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820427

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
816 f/b bxs on 68 plts	X	UN0483, Hexogen, 1.1D, PG II EX- 2009080198 Net: 16,728 kgs <i>36,878.549</i>	Gwt: 41,376 Gwt: 18,768	lbs kgs		
		<i>Qtn # 212848</i>				
		POC: Monica or Roger 870-574-0580				



PLACARDS TENDERED: YES NO

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(e) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

COD FEE: PREPAID COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: Transport Nordique

PER: *[Signature]*

PER: *[Signature]*

DATE: *12/19/11*



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2009
Revision date: 19.05.2009
Date of first version: 19.05.2008

Cyclotrimethylentritramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentritramine

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lübben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:
Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

R 2
R 25



Toxic

Risk of explosion by shock, friction, fire or other sources of ignition.
Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/156/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion
Particular protective equipment: Flame-retardant clothes
Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.
Methods for cleaning up / spillage removal: Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling: Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.
Precautions against fire and explosion: Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers: Keep locked up.
Keep away from open flames and other sources of ignition.
Information about storage in one common storage facility: Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).
Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

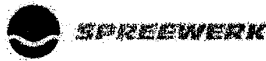
Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask
Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 18.05.2008

Cyclotrimethylentrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2008

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 6

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1.1D, Substance number 483

Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
Class 1, Code: 1.1D

ADR/RID: ADR: 1 / RID: 1 + 13

Label: LQ0

Limited quantities: P112b - P112c

Contaminated packaging: Instructions: MP20

Special provisions for packing together:

Transport by sea

UN number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
Class 1.1

IMDG: -

Packing Group: -

EmS number: F-B, S-Y

Special provisions: -

Limited quantities: None

Contaminated packaging: Instructions: P112 (b) or (c)

Contaminated packaging: Provisions: -

IBC: Instructions: -

IBC: Provisions: -

Tank instructions: IMO: -

Tank instructions: UN: -

Tank instructions Provisions: -

Storage and segregation: Category 10

Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
Class 1.1

ICAO/IATA: Y- - Maximum quantity: -

Passenger Ltd. Qty.: Maximum quantity: Forbidden

Passenger: Maximum quantity: Forbidden

Cargo: 1L

ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol: E Explosive
T Toxic

R phrase(s): R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 25 Toxic if swallowed.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 19.05.2008

Cyclotrimethylentrinitramine

Material number: RDX

Page: 5 of 5

S phrase(s):	S 18	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
 Water risk class: 1
 Mild water pollutant

National regulations USA



NFPA Hazard Rating:
 - Health = 3 (Serious)
 - Fire = 4 (Severe)
 - Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-017

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

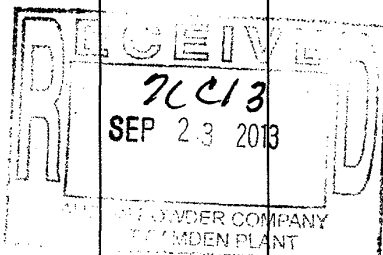
(Name of carrier)

TO: *Road 1*
 Consignee: Austin Powder *P123977*
 Street: 7-LC Blandy Road *Off # 237612*
 City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: <u>UNDU 252 973-2</u> UN0209 Trinitrotoluene (TNT) <i>(67341)</i> dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs <i>3 2400 lbs</i> Delivery POC: Monica or Thomas Seal # <u>ZZD-F18975 & 531191</u>	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly

<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p> <p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p style="text-align: right;"><i>Sandra J. Kent</i> Signature</p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: right;">_____ (Signature of Consignor)</p>
<p>COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p>FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></p>	

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc. CARRIER: R & R Trucking

PER: *Sandra J. Kent* PER: *B. Anderson*

DATE: *9-27-13*

IMO DANGEROUS GOODS DECLARATION



Shipper JJPROTECH Co., Ltd. 26-54, Yunoeogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 252 973-2	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)** *, flashpoint (in *C.c.c) ** *, control and emergency temperatures** *, identification of the goods as MARINE POLLUTANT* *, EmS No. and MFAg Table No.***	Gross mass (kg.), net quantity/mass** *	Goods delivered as:
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	<input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box <small>(This column may be left empty apart from the heading, in which case insert appropriate description)</small>
<small>*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The IMDG Code page number should not appear on this form.</small>			
ADDITIONAL INFORMATION <small>(In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)</small>			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information
no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-021

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

Load J
P123977
Q1 # 237616

FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City

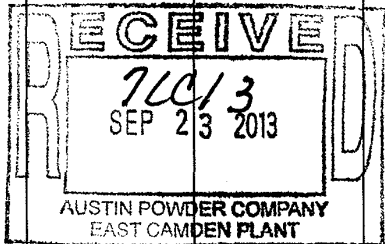
113 Arendell Street

City, State, Zip Code: Morehead City, NC 28557

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: TEMU 439 010-8 UN0209 Trinitrotoluene (TNT) (0734) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs Delivery POC: Monica or Thomas Seal # AA2752154 & 531183	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly
Monica Kelly

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Sauls J. Keel Signature

24 Hr Number and ERAP

COD Amt \$ _____
 C.O.D. FEE: PREPAID COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

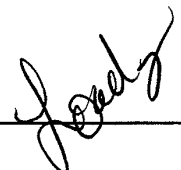
CARRIER: R & R Trucking

PER: *Sauls J. Keel*

PER: *M White 7333*

DATE: 9-22-13

IMO DANGEROUS GOODS DECLARATION



Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 010-8	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)*, flashpoint (in *C.c.c) **, control and emergency temperatures* **, Identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAg Table No.***	Gross mass (kg.), net quantity/mass* **	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The (IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

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Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
no data available
- 10.2 Chemical stability**
no data available
- 10.3 Possibility of hazardous reactions**
no data available
- 10.4 Conditions to avoid**
no data available
- 10.5 Incompatible materials**
no data available
- 10.6 Hazardous decomposition products**
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity
no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard
no data available

Potential health effects

Inhalation	May be fatal if inhaled. May cause respiratory tract irritation.
Ingestion	Harmful if swallowed.
Skin	Toxic if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION**12.1 Toxicity**

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

no data available

12.6 Other adverse effects

Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-001

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

Load 3
P123977
Griff 237618

FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City

113 Arendell Street

City, State, Zip Code: Morehead City, NC 28557

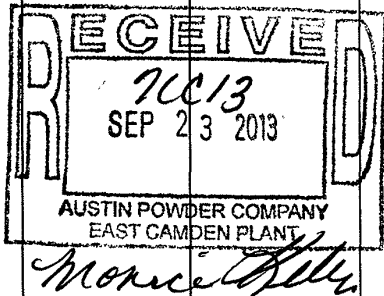
1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.:

Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group or Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
648 f/b boxes	X	Container No: TEMU 439 016-0 UN0209 Trinitrotoluene (TNT) (07341) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs Delivery POC: Monica or Thomas Seal # APA10153824 & 531187	GWT: 15,872 kgs 34,992 lbs			



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFCA Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Senela Okel Signature

24 Hr Number and ERAP

COD

Amt: \$ _____

COD FEE:
PREPAID
COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

CARRIER: R & R Trucking

PER: *Senela Okel*

PER: *John J. Rohlf*

DATE: 09/22/13

IMO DANGEROUS GOODS DECLARATION

Good 3

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 016-0	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013		Port of Loading Busan, South Korea	
Port of discharge Morehead City, NC		Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)** , flashpoint (in *C.c) ** , control and emergency temperatures* * , identification of the goods as MARINE POLLUTANT* * , EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box <small>(This column may be left empty apart from the heading, in which case insert appropriate description)</small>
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
<small>*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED".should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.</small>			
<small>ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)</small>			
Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.		Place and Date	
Signature on behalf of shipper		Signature on behalf of shipper	
I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.			

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
no data available
- 10.2 Chemical stability**
no data available
- 10.3 Possibility of hazardous reactions**
no data available
- 10.4 Conditions to avoid**
no data available
- 10.5 Incompatible materials**
no data available
- 10.6 Hazardous decomposition products**
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects**

Acute toxicity
no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity
no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard
no data available

Potential health effects

Inhalation	May be fatal if inhaled. May cause respiratory tract irritation.
Ingestion	Harmful if swallowed.
Skin	Toxic if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number**
ADR/RID: 3366 IMDG: 3366 IATA: 3366
- 14.2 UN proper shipping name**
ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass
- 14.3 Transport hazard class(es)**
ADR/RID: 4.1 IMDG: 4.1 IATA: 4.1
- 14.4 Packaging group**
ADR/RID: I IMDG: I IATA: I
- 14.5 Environmental hazards**
ADR/RID: no IMDG Marine pollutant: no IATA: no
- 14.6 Special precautions for user**
no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- 15.2 Chemical Safety Assessment**
no data available

16. OTHER INFORMATION

Text of H-code(s) and R-phrases mentioned in Section 3

Acute Tox. Acute toxicity
Aquatic Chronic Chronic aquatic toxicity
Expl. Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-010

Carrier No. _____

Page 1 of 1

LANDSTAR

(Name of carrier)

Date _____

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

*Good 4
P123977
grn # 237623*

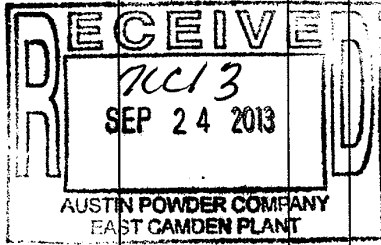
FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City
113 Arendell Street
City, State, Zip Code: Morehead City, NC 28557

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: TEMU 439 015-5 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs Delivery POC: Monica or Thomas Seal # AK20135038 & 531186	GWT: 15,872 kgs 34,992 lbs			



Monica Kelley

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(e) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Sandra Okead Signature

24 Hr Number and ERAP

COD Amt: \$

G.O.D. FEE:
PREPAID
COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collected
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

CARRIER: Landstar

PER: *Sandra Okead*

PER: *Brenda Everett*

DATE: 9-22-13

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoeogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 015-5	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* **, flashpoint (in *C.c.c) * *, control and emergency temperatures* *, Identification of the goods as MARINE POLLUTANT* *, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word : Danger

Hazard statement(s)

H302 : Harmful if swallowed.

H311 : Toxic in contact with skin.

H330 : Fatal if inhaled.

H373 : May cause damage to organs through prolonged or repeated exposure.

H411 : Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260 : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273 : Avoid release to the environment.

P280 : Wear protective gloves/ protective clothing.

P284 : Wear respiratory protection.

P310 : Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrases(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-005

Carrier No. _____

Page 1 of 1

LANDSTAR

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

Road 5
P123977
GRN# 237667

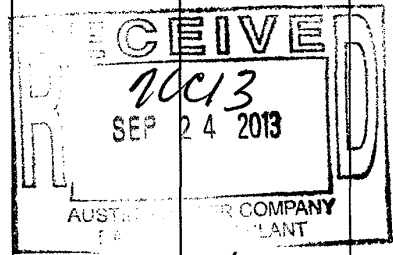
FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City
113 Arendell Street
City, State, Zip Code: Morehead City, NC 28557

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No.: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
648 f/b boxes	X	Container No: TEMU 439 009-4 UN0209 Trinitrotoluene (TNT) (07341) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGI EX-2013030189 NEQ: 14,697 kgs 32400 lbs Delivery POC: Monica or Thomas Seal # R024424 & 531182	GWT:	15,872 kgs 34,992 lbs		



<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p style="text-align: center;"><i>Saulo O'Keefe</i> Signature</p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><small>(Signature of Consignor)</small></p>
		<p><small>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</small></p> <p>TOTAL CHARGES \$ _____</p> <p><small>FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></small></p>

RECEIVED, subject to the classifications and tariffs in effect on the date of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc. CARRIER: Landstar

PER: *Saulo O'Keefe* PER: *[Signature]*

DATE: 09.22.13

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 009-4	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned) **, flashpoint (in *C.c.c) **, control and emergency temperatures* **, Identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg Gwt: 15,872 kgs	
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ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

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2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word : Danger

Hazard statement(s)

H302 : Harmful if swallowed.

H311 : Toxic in contact with skin.

H330 : Fatal if inhaled.

H373 : May cause damage to organs through prolonged or repeated exposure.

H411 : Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260 : Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273 : Avoid release to the environment.

P280 : Wear protective gloves/ protective clothing.

P284 : Wear respiratory protection.

P310 : Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic .

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrases mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

271287

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-007

Carrier No. _____

Page 1 of 1

BOYLE

(Name of carrier)

Date _____

TO:
Consignee: Austin Powder

Road 6
P123977
911 # 237683

FROM:
Shipper: Paramount Enterprises Int'l Inc.

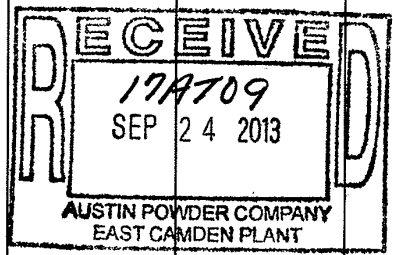
Street: Port of Morehead City
113 Arendell Street
City, State, Zip Code: Morehead City, NC 28557

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: <u>UNDU 253 121-5</u> UN0209 Trinitrotoluene (TNT) <i>(07341)</i> dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs <i>32400 lbs</i> Delivery POC: Monica or Thomas Seal # <u>KR1552508 & 531198</u>	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Saula Okel Signature

24 Hr Number and ERAP

COD Amt: \$

C.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

CARRIER: Boyle

PER: *Saula Okel*

PER: *Jerry Hooker SLC*

DATE: 9-22-13

271287

#271287

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 253 121-5	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier <i>Rooble</i>	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)** , flashpoint (in *C.c.) * , control and emergency temperatures* * , identification of the goods as MARINE POLLUTANT* * , Ems No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.
 Danger of cumulative effects.
 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.
 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

- 10.1 Reactivity**
no data available
- 10.2 Chemical stability**
no data available
- 10.3 Possibility of hazardous reactions**
no data available
- 10.4 Conditions to avoid**
no data available
- 10.5 Incompatible materials**
no data available
- 10.6 Hazardous decomposition products**
Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity
no data available

Skin corrosion/irritation
no data available

Serious eye damage/eye irritation
no data available

Respiratory or skin sensitization
no data available

Germ cell mutagenicity
no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity
no data available

Specific target organ toxicity - single exposure
no data available

Specific target organ toxicity - repeated exposure
no data available

Aspiration hazard
no data available

Potential health effects

Inhalation	May be fatal if inhaled. May cause respiratory tract irritation.
Ingestion	Harmful if swallowed.
Skin	Toxic if absorbed through skin. May cause skin irritation.
Eyes	May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

D71287

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number**
ADR/RID: 3366 IMDG: 3366 IATA: 3366
- 14.2 UN proper shipping name**
ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass
- 14.3 Transport hazard class(es)**
ADR/RID: 4.1 IMDG: 4.1 IATA: 4.1
- 14.4 Packaging group**
ADR/RID: I IMDG: I IATA: I
- 14.5 Environmental hazards**
ADR/RID: no IMDG Marine pollutant: no IATA: no
- 14.6 Special precautions for user**
no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- 15.2 Chemical Safety Assessment**
no data available

16. OTHER INFORMATION

Text of H-code(s) and R-phrase(s) mentioned in Section 3

Acute Tox.	Acute toxicity
Aquatic Chronic	Chronic aquatic toxicity
Expl.	Explosives

271287

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

07128'1



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-008

Carrier No. _____

Page 1 of 1

BOYLE

(Name of carrier)

Date _____

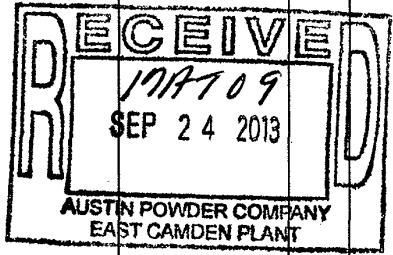
TO:
 Consignee: **Austin Powder**
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**

Road 7
P123477
gmt# 237691

FROM: Shipper: **Paramount Enterprises Int'l Inc.**
 Street: **Port of Morehead City**
113 Arendell Street
 City, State, Zip Code: **Morehead City, NC 28557**
 24 hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**
Customer No: 16745

Route:	Vehicle Number:	Trailer Number:	Seal Number:
--------	-----------------	-----------------	--------------

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: UNDU 253 029-2 UN0209 Trinitrotoluene (TNT) (07341) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGI EX-2013030189 NEQ: 14,697 kgs <i>32400 lbs</i> Delivery POC: Monica or Thomas Seal # I49418 & 531195	GWT: 15,872 kgs 34,992 lbs			



<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"</small></p> <p><small>(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.</small></p> <p><small>(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p> <p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p style="text-align: right;"><i>Sauls West</i> Signature</p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><small>(Signature of Consignor)</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/></td> <td style="width: 50%;">\$ _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">TOTAL CHARGES \$ _____</td> </tr> <tr> <td style="width: 50%;">FREIGHT PREPAID except when box at right is checked</td> <td style="width: 50%;">Check box if charges are to be collect <input type="checkbox"/></td> </tr> </table>	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/>	\$ _____	TOTAL CHARGES \$ _____		FREIGHT PREPAID except when box at right is checked	Check box if charges are to be collect <input type="checkbox"/>
C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/>	\$ _____						
TOTAL CHARGES \$ _____							
FREIGHT PREPAID except when box at right is checked	Check box if charges are to be collect <input type="checkbox"/>						

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.	CARRIER: Boyle
PER: <i>Sauls West</i>	PER: <i>[Signature]</i>
	DATE: 9-22-13

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 253 029-2	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
Ship's name and voyage No. MV Elena 1/2013		Port of Loading Busan, South Korea	
Port of discharge Morehead City, NC		Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)** *, flashpoint (in *C.c.c) ** *, control and emergency temperatures* **, Identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass** *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box <small>(This column may be left empty apart from the heading, in which case insert appropriate description)</small>
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg Gwt: 15,872 kgs	
<small>*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** * When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.</small>			
ADDITIONAL INFORMATION <small>(In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)</small>			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411	25 - 90 %
	E, T, N, R 2 - R23/24/25 - R33 - R51/53	

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous Materials Safety Administration **The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-014

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

TO: PLA3977 *Load 8*
 Consignee: Austin Powder *per # 237722*
 Street: 7-LC Blandly Road
 City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name or Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
648 f/b boxes	X	Container No: <u>TEMU 439 020-0</u> UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGI EX-2013030189 NEQ: 14,697 kgs Delivery POC: Monica or Thomas Seal # <u>I152095 & 531188</u>	GWT: 15,872 kgs 34,992 lbs			

Monica Kelly

RECEIVED
17A709
SEP 25 2013

AUSTIN POWDER COMPANY
24 Hr Number and Plant

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Saula Okeed Signature

COD Amt: \$ _____	COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
<small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>	
<small>(Signature of Consignor)</small>	
TOTAL CHARGES \$ _____	
FREIGHT CHARGES <small>FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></small>	

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: <u>Paramount Enterprises Int'l Inc.</u>	CARRIER: <u>SLT (Secured Land Transport)</u>
PER: <i>Saula Okeed</i>	PER: <i>BAOK</i>
	DATE: <u>9-22-13</u>

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 020-0	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* *, flashpoint (in *C.c.c) * *, control and emergency temperatures* *, identification of the goods as MARINE POLLUTANT* *, Ems No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. * * When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411	25 - 90 %
	E, T, N, R 2 - R23/24/25 - R33 - R51/53	

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number**
ADR/RID: 3366 IMDG: 3366 IATA: 3366
- 14.2 UN proper shipping name**
ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass
- 14.3 Transport hazard class(es)**
ADR/RID: 4.1 IMDG: 4.1 IATA: 4.1
- 14.4 Packaging group**
ADR/RID: I IMDG: I IATA: I
- 14.5 Environmental hazards**
ADR/RID: no IMDG Marine pollutant: no IATA: no
- 14.6 Special precautions for user**
no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- 15.2 Chemical Safety Assessment**
no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox. Acute toxicity
Aquatic Chronic Chronic aquatic toxicity
Expl. Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-013

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Load 9
PI23977
Grn # 237765

Street: 7-LC Blandly Road

City, State, Zip Code: East Camden, AR 71701

FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City

113 Arendell Street

City, State, Zip Code: Morehead City, NC 28557

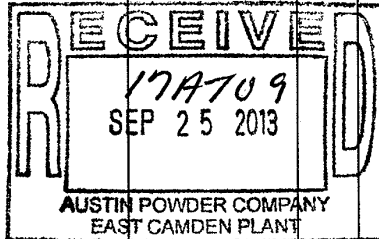
24 hr. Emergency Contact Tel. No.:

1-800-424-9300 (CHEMTREC)

Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: UNDU 252 992-2 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs <i>32400 lbs</i> Delivery POC: Monica or Thomas Seal # AHL3393842 & 531193	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Sandra O'Neal Signature

24 Hr Number and ERAP

COD Amt: \$ _____ Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
	TOTAL CHARGES \$ _____ FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> except when box at right is checked Check box if charges are to be collect <input type="checkbox"/>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

CARRIER: SLT (Secured Land Transport)

PER: *Sandra O'Neal*

PER: _____

DATE: _____

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea	Reference Number(s) Booking number: 130261 Container Number: UNDU 252 992-2		
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055	Carrier		
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES	Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer		
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit 648 f/b boxes	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)***, flashpoint (in *C.c.c) **, control and emergency temperatures* **, Identification of the goods as MARINE POLLUTANT* *, ErS No. and MFAG Table No.*** UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gross mass (kg.), net quantity/mass* * Gwt: 15,872 kgs	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.	Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper		

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Solid
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

- 14.1 UN number**
ADR/RID: 3366 IMDG: 3366 IATA: 3366
- 14.2 UN proper shipping name**
ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass
- 14.3 Transport hazard class(es)**
ADR/RID: 4.1 IMDG: 4.1 IATA: 4.1
- 14.4 Packaging group**
ADR/RID: I IMDG: I IATA: I
- 14.5 Environmental hazards**
ADR/RID: no IMDG Marine pollutant: no IATA: no
- 14.6 Special precautions for user**
no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
no data available
- 15.2 Chemical Safety Assessment**
no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrases mentioned in Section 3**

Acute Tox.	Acute toxicity
Aquatic Chronic	Chronic aquatic toxicity
Expl.	Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-016

Carrier No. _____

Page 1 of 1

LANDSTAR

Date _____

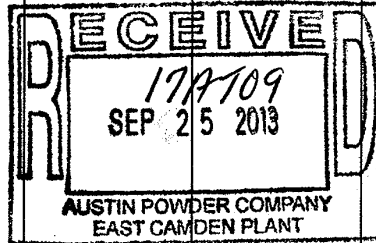
(Name of carrier)

TO:
 Consignee: Austin Powder *Load 10*
 Street: 7-LC Blandy Road *P123977*
 City, State, Zip Code: East Camden, AR 71701 *gr# 237766*

FROM:
 Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 Customer No.: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: <u>TCLU 310 894-9</u> UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ 14,697 kgs <i>32,400</i> Delivery POC: Monica or Thomas Seal # <u>B304344 & 531181</u>	GWT: 15,872 kgs 34,992 lbs			



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Saula Okel Signature

24 Hr Number and ERAP 1-800 424-9300

COD Amt: \$ _____ Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. _____ (Signature of Consignor)	COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____ TOTAL CHARGES \$ _____ FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect
--	---

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc. CARRIER: Landstar *Truck 558070*
 PER: *Saula Okel* PER: *Denny Garcia*
 DATE: *9/28/13*

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TCLU 310 894-9	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* **, flashpoint (in *C.c.c) **, control and emergency temperatures* **, identification of the goods as MARINE POLLUTANT* **, Ems No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* **	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of shipper	



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration **The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

Buyon
ATTN JINNY LANDSTAR

From: Kelly Beveridge <kelly@moreship.com>
Sent: Sunday, September 22, 2013 11:11 AM
To: Echoship Svendborg; W&R Shipping b.v; info@peiship.com; Charles Leeuwenburg
Subject: MV Elena arrival Morehead City

Good day to all,
Please find arrival details below:

9/21/13
1530 Arrived pilot station & anchored, NOR tendered

9/22/13
0720 Anchor up
0735 Pilot on board
0825 1st line ashore
0830 Docked all fast, berth 4
1015 Cleared by Customs, NOR accepted

Drafts: 4.2 fwd 4.6 aft
Bunkers: 173.4 HFO
24 GO
2450 LO
Fwater: 13 mts

Plan to commence discharging at 1300 hrs.
Expect approx 4 hrs to complete.
After completion, will shift to berth 9 to be ready for loading at 0700 tomorrow.
Will keep everyone advised.
Tks & brgds,
Kelly Beveridge

ATTN JINNY LANDSTAR

1 PAGE

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional information

RTECS: Not available

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-012

Carrier No. _____

Page 1 of 1

TRI STATE MOTOR TRANSIT

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder
Street: 7-LC Blandly Road

Load 11
P123977
QIN# 237807

FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City
113 Arendell Street
City, State, Zip Code: Morehead City, NC 28557

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No.: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: TEMU 439 014-0 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs	GWT: 15,872 kgs 34,992 lbs			
1 f/b box	X	UN0475 Substances, explosive, n.o.s. (contains RDX, TNT) (07405) Class 1 Div 1.1D PGII CA1999080005 (First Revision) NEQ: 0.5 kgs <i>500 grams on box</i> Delivery POC: Monica or Thomas Seal # A196184 & 531185	GWT: 3 kgs 7 lbs			

Monica Kelly

RECEIVED

17A709

SEP 25 2013

PLACARDS TENDERED: YES NO

Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Sandra J. Keel Signature

24 Hr Number and **ASAR POWDER COMPANY EAST CAMDEN PLANT**

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES \$

FREIGHT CHARGES

FREIGHT PREPAID Check box if charges are to be collect
COLLECT

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc. **CARRIER: Tri State Motor Transit**

PER: *Sandra J. Keel* **PER:** *Richard Seider* **DATE:** *Spt 22, 2013*

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoeogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: TEMU 439 014-0	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
Ship's name and voyage No. MV Elena 1/2013		Port of Loading Busan, South Korea	
Port of discharge Morehead City, NC		Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* **, flashpoint (in *C.c.c) * *, control and emergency temperatures* *, Identification of the goods as MARINE POLLUTANT* *, Ems No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
1 f/b box	UN0475, Substances, explosive, n.o.s. (contains RDX, TNT), 1.1D PG II CA1999080005 (First Revision) Neq: 0.5 kg	Gwt: 1 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. * * When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH – 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-003

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

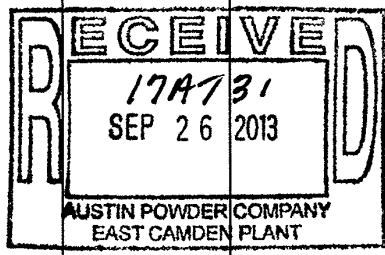
(Name of carrier)

TO: *Load 12*
 Consignee: *P123977*
 Street: *qrn # 237816*
 Street: 7-LC Blandly Road
 City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
 113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: 3830069 Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: UNDU 252 972-7 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGI EX-2013030189 NEQ: 14,697 kgs 32,400 lbs Delivery POC: Monica or Thomas Seal # HAS417966 & 531190	GWT: 15,872 kgs 34,992 lbs			



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Sandra I. Keel Signature

24 Hr Number and ERAP

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IPPER: Paramount Enterprises Int'l Inc. CARRIER: R & R Trucking

PER: *Sandra I. Keel* PER: *K. Seaton*

DATE: *9-22-13*

IMO DANGEROUS GOODS DECLARATION

Shipper JPROTECH Co., Ltd. 26-54, Yunoeogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 252 972-7	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* **, flashpoint (in °C.c.c) **, control and emergency temperatures* **, identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. * * When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-011

Carrier No. 27625976

Page 1 of 1

TRI STATE MOTOR TRANSIT

Date _____

(Name of carrier)

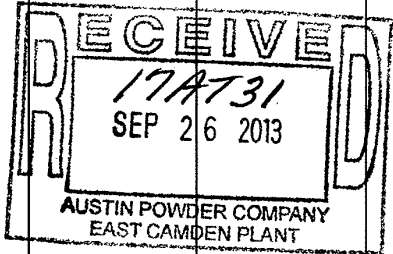
TO:
 Consignee: Austin Powder
 Street: 7-LC Blandy Road
 City, State, Zip Code: East Camden, AR 71701

Handwritten:
Road 13
P123977
Q# 237817

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 Customer No.: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: <u>UNDU 253 012-1</u> UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs Delivery POC: Monica or Thomas Seal # <u>ZZD-F18904 & 531194</u>	GWT: 15,872 kgs 34,992 lbs			



Handwritten Signature: Monica Kelly

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature: Sandra J. Kent Signature

24 Hr Number and ERAP

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: Paramount Enterprises Int'l Inc. CARRIER: Tri State Motor Transit

PER: Sandra J. Kent PER: Patricia A. Sutton

DATE: 22 Sept. 2013

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C₇H₅N₃O₆

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411	25 - 90 %
	E, T, N, R 2 - R23/24/25 - R33 - R51/53	

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-002

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

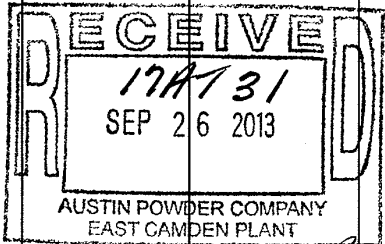
(Name of carrier)

TO: *Load 14*
 Consignee: Austin Powder *P123977*
 Street: 7-LC Blandy Road *grn# 237879*
 City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
 113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: TEMU 439 013-4 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGI EX-2013030189 NEQ: 14,697 kgs <i>32,400 lbs</i> Delivery POC: Monica or Thomas Seal # MOL281559C & 531184	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly
 Signature

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Paula O'Keefe Signature

24 Hr Number and ERAP

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IPPER: Paramount Enterprises Int'l Inc. CARRIER: R & R Trucking

PER: *Paula O'Keefe* PER: *[Signature]*

DATE: *9-22-13*

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunogongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea	Reference Number(s) Booking number: 130261 Container Number: TEMU 439 013-4		
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055	Carrier <div style="text-align: right; font-size: 2em;"><i>Good 14</i></div>		
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES	Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.		
	Place and Date		
	Signature on behalf of packer		
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit 648 f/b boxes	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)*, flashpoint (in *C.c.c) **, control and emergency temperatures* **, identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.*** UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189	Gross mass (kg.), net quantity/mass* * Netq: 14,696 kg	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box <small>(This column may be left empty apart from the heading, in which case insert appropriate description)</small>
<small>*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.</small>			
ADDITIONAL INFORMATION <small>(In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)</small>			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.	Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.		
	Place and Date		
	Signature on behalf of shipper		

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment

Eye/face protection

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Solid
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrases mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Hama-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-004

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

Load 15
P123477
Q114 237845

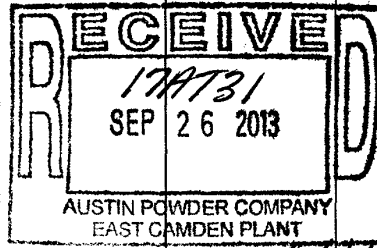
FROM:
Shipper: Paramount Enterprises Int'l Inc.

Street: Port of Morehead City
113 Arendell Street
City, State, Zip Code: Morehead City, NC 28557

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: UNDU 252 975-3 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs <i>32400</i> Delivery POC: Monica or Thomas Seal # EMCGNC7798 & 531192		GWT: 15,872 kgs 34,992 lbs		



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Sandra J. Kelly Signature

24 Hr Number and ERAP

COD Amt: \$

COD, FEE, PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, contained, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: Paramount Enterprises Int'l Inc.

CARRIER: R & R Trucking

PER: *Sandra J. Kelly*

PER: *[Signature]*

DATE: *9/22/13*

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 252.975-3	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier <div style="text-align: right; font-size: 2em; font-family: cursive;">Joakim</div>	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)*, flashpoint (in *C.c.c) **, control and emergency temperatures* **, Identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass**	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes	UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg	Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd.	
		Place and Date	
		Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****Components with workplace control parameters****8.2 Exposure controls****Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 + H331	Toxic if swallowed, in contact with skin or if inhaled
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-020

Carrier No. 224981

Page 1 of 1

R & R TRUCKING

Date _____

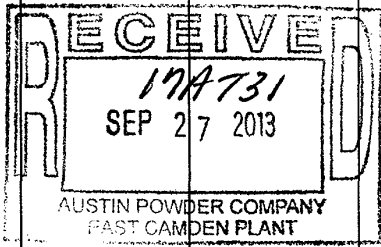
(Name of carrier)

TO: Road 16
 Consignee: Austin Powder P123977
 Street: 7-LC Blandy Road 977# 237847
 City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises Int'l Inc.
 Street: Port of Morehead City
113 Arendell Street
 City, State, Zip Code: Morehead City, NC 28557
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 Customer No.: 16745

Route: _____ Vehicle Number: 6038 Trailer Number: 3830111 Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Container No: <u>UNDU 253 182-7</u> UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs <u>32400</u> Delivery POC: Monica or Thomas Seal # <u>OOLCBG7495 & 531199</u>	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly
(Signature)

<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p> <p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p style="text-align: right;"><i>Saula O'Keefe</i> Signature</p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><small>(Signature of Consignor)</small></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____ </td> <td style="width: 50%;"> TOTAL CHARGES \$ _____ </td> </tr> <tr> <td colspan="2" style="text-align: center;"> FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect EXCEPT WHEN BOX AT RIGHT IS CHECKED </td> </tr> </table>	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____	TOTAL CHARGES \$ _____	FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect EXCEPT WHEN BOX AT RIGHT IS CHECKED	
C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____	TOTAL CHARGES \$ _____				
FREIGHT CHARGES FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect EXCEPT WHEN BOX AT RIGHT IS CHECKED					

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents or packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: <u>Paramount Enterprises Int'l Inc.</u>	CARRIER: <u>R & R Trucking</u>
PER: <i>Saula O'Keefe</i>	PER: <i>[Signature]</i>
	DATE: <u>9-22-13</u>

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 253 182-7	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* **, flashpoint (in *C.c.c) **, control and emergency temperatures* **, identification of the goods as MARINE POLLUTANT* **, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Netq: 14,696 kg Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; * * * When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

S61

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- | | |
|---|-------------------|
| a) Appearance | Form: Solid |
| b) Odour | no data available |
| c) Odour Threshold | no data available |
| d) pH | no data available |
| e) Melting point/freezing point | no data available |
| f) Initial boiling point and boiling range | no data available |
| g) Flash point | no data available |
| h) Evaporation rate | no data available |
| i) Flammability (solid, gas) | no data available |
| j) Upper/lower flammability or explosive limits | no data available |
| k) Vapour pressure | no data available |
| l) Vapour density | no data available |
| m) Relative density | no data available |
| n) Water solubility | no data available |
| o) Partition coefficient: n-octanol/water | no data available |
| p) Autoignition temperature | no data available |
| q) Decomposition temperature | no data available |
| r) Viscosity | no data available |
| s) Explosive properties | no data available |
| t) Oxidizing properties | no data available |

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY**10.1 Reactivity**

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects**Inhalation**

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366

IMDG: 3366

IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS

IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1

IMDG: 4.1

IATA: 4.1

14.4 Packaging group

ADR/RID: I

IMDG: I

IATA: I

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox.

Acute toxicity

Aquatic Chronic

Chronic aquatic toxicity

Expl.

Explosives



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. MCEA-019

Carrier No. _____

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

Street: **7-LC Blandly Road**

City, State, Zip Code: **East Camden, AR 71701**

Load 17
P123477
951A 23 7848

FROM:
Shipper: **Paramount Enterprises Int'l Inc.**

Street: **Port of Morehead City**

113 Arendell Street

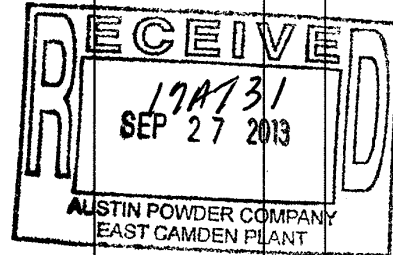
City, State, Zip Code: **Morehead City, NC 28557**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **Customer No: 16745**

Route: _____ Vehicle Number: 6454 Trailer Number: 3830033 Seal Number: 531189
AK20032325

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
648 f/b boxes	X	Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group Container No: UNDU 252 970-6 UN0209 Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass Class 1 Div 1.1D PGII EX-2013030189 NEQ: 14,697 kgs 32400 Delivery POC: Monica or Thomas Seal # AK20032325 & 531189	GWT: 15,872 kgs 34,992 lbs			



Monica Kelly

<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p>24 Hr Number and ERAP</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p>_____ (Signature of Consignor)</p>
<p><small>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</small></p> <p><i>Saula O'Keefe</i> Signature</p>	<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p>FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/></p>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: Paramount Enterprises Int'l Inc.	CARRIER: R & R Trucking
PER: <i>Saula O'Keefe</i>	PER: <i>Jeffrey Wilson</i>
	DATE: <i>2013-09-22</i>

IMO DANGEROUS GOODS DECLARATION

Shipper JJPROTECH Co., Ltd. 26-54, Yunoegongdan-gil, Beopsu-myeon, Haman-gun, Gyeongsangnam-do, 637-833 South Korea		Reference Number(s) Booking number: 130261 Container Number: UNDU 252 970-6	
Consignee Explo Systems Inc. Camp Minden 1600 Java Road Minden, LA 71055		Carrier	
Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7 TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of packer	
Ship's name and voyage No. MV Elena 1/2013	Port of Loading Busan, South Korea	Instructions or other matter 24 Hr Number - Chemtrec US: 800-424-9300 Intl: 703-527-3887 USA Customer No: 16745	
Port of discharge Morehead City, NC			
Mark and Nos, if applicable, identification or registration number(s) of the Unit	Number and kind of packages, proper shipping name*, IMO hazard class/division, UN Number, packaging group (where assigned)* *, flashpoint (in *C.c.c) * *, control and emergency temperatures* *, identification of the goods as MARINE POLLUTANT* *, EmS No. and MFAG Table No.***	Gross mass (kg.), net quantity/mass* *	Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle etc.): <input type="checkbox"/> Open <input checked="" type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
648 f/b boxes		UN0209, Trinitrotoluene (TNT) dry or wetted with less than 30% water, by mass, 1.1D PGII EX-2013030189 Neq: 14,696 kg Gwt: 15,872 kgs	
*Synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in paragraph 9.3 of the General Introduction to the IMDG code; *** When Required The IMDG Code page number should not appear on this form.			
ADDITIONAL INFORMATION (In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7.1/9.7.2/9.9.1 and 9.10.1)			
DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national government regulations.		Name/status, company/organization of signatory Chanwoo, Chae/Manager/JJ Protech Co., Ltd. Place and Date Signature on behalf of shipper	

SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name : 2,4,6-Trinitrotoluene

Product Number : no data available

Brand : no data available

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Laboratory chemicals, Manufacture of substances

1.3 Details of the supplier of the safety data sheet

Company : JJPROTECH.CO.,LTD

Telephone : +82-55-584-6235

Fax : +82-55-584-6239

E-mail address : jjtech777@hanmail.net

1.4 Emergency telephone number

Emergency Phone # : no data available

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Acute toxicity, Oral (Category 4)

Acute toxicity, Inhalation (Category 2)

Acute toxicity, Dermal (Category 3)

Specific target organ toxicity - repeated exposure (Category 2)

Chronic aquatic toxicity (Category 2)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

Toxic by inhalation, in contact with skin and if swallowed. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Danger of cumulative effects.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram



Signal word

Danger

Hazard statement(s)

H302

Harmful if swallowed.

H311

Toxic in contact with skin.

H330

Fatal if inhaled.

H373

May cause damage to organs through prolonged or repeated exposure.

H411

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing.

P284

Wear respiratory protection.

P310

Immediately call a POISON CENTER or doctor/ physician.

Supplemental Hazard Statements none

According to European Directive 67/548/EEC as amended.

Hazard symbol(s)



R-phrase(s)

R23/24/25

R33

R51/53

Toxic by inhalation, in contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s)

S36/37

S45

Wear suitable protective clothing and gloves.

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S61

Avoid release to the environment. Refer to special instructions/ Safety data sheets.

2.3 Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

Formula : C7H5N3O6

Component	Classification	Concentration
2,4,6-Trinitrotoluene	Expl. 1.1; Acute Tox. 3; STOT RE 2; Aquatic Chronic 2; H201, H301 + H311 + H331, H373, H411 E, T, N, R 2 - R23/24/25 - R33 - R51/53	25 - 90 %

For the full text of the H-Statements and R-Phrases mentioned in this Section, see Section 16

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Take victim immediately to hospital. Consult a physician.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIREFIGHTING MEASURES**5.1 Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

no data available

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

6. ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE**7.1 Precautions for safe handling**

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.
Store under inert gas. hygroscopic

7.3 Specific end uses

no data available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters**

Components with workplace control parameters

8.2 Exposure controls**Appropriate engineering controls**

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Eye/face protection**

Face shield and safety glasses Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of

contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: Solid
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	no data available
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evaporation rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available
l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	no data available
o) Partition coefficient: n-octanol/water	no data available
p) Autoignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

no data available

Skin corrosion/irritation

no data available

Serious eye damage/eye irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (2,4,6-Trinitrotoluene)

Reproductive toxicity

no data available

Specific target organ toxicity - single exposure

no data available

Specific target organ toxicity - repeated exposure

no data available

Aspiration hazard

no data available

Potential health effects

Inhalation

May be fatal if inhaled. May cause respiratory tract irritation.

Ingestion

Harmful if swallowed.

Skin

Toxic if absorbed through skin. May cause skin irritation.

Eyes

May cause eye irritation.

Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Additional Information

RTECS: Not available

12. ECOLOGICAL INFORMATION

- 12.1 Toxicity**
no data available
- 12.2 Persistence and degradability**
no data available
- 12.3 Bioaccumulative potential**
no data available
- 12.4 Mobility in soil**
no data available
- 12.5 Results of PBT and vPvB assessment**
no data available
- 12.6 Other adverse effects**
Toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION**14.1 UN number**

ADR/RID: 3366 IMDG: 3366 IATA: 3366

14.2 UN proper shipping name

ADR/RID: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IMDG: TRINITROTOLUENE, WETTED CONTAINING NOT LESS THAN 10% OF WATER BY MASS
IATA: Trinitrotoluene, wetted containing not less than 10% of water by mass

14.3 Transport hazard class(es)

ADR/RID: 4.1 IMDG: 4.1 IATA: 4.1

14.4 Packaging group

ADR/RID: I IMDG: I IATA: I

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION**Text of H-code(s) and R-phrase(s) mentioned in Section 3**

Acute Tox. Acute toxicity
Aquatic Chronic Chronic aquatic toxicity
Expl. Explosives

H201	Explosive; mass explosion hazard.
H301 + H311 +	Toxic if swallowed, in contact with skin or if inhaled
H331	
H373	May cause damage to organs through prolonged or repeated exposure.
H411	Toxic to aquatic life with long lasting effects.
STOT RE	Specific target organ toxicity - repeated exposure
E	Explosive
R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R33	Danger of cumulative effects.
N	Dangerous for the environment
T	Toxic
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.



U.S. Department
of Transportation

East Building, PHH – 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by JJPROTECH, 1600 Java Road, 24-25, Uunoegongdan'gil, Beopsu-myeon, Haman-gun, Gyeongsangnam, 637-833, South Korea the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2013030189

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 05/17/2013

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2013030308

Page 1 of 1

Load 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA004

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

P121055

QIN # ~~234567~~

234567
234620

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

City, State, Zip Code: Ville de La Baie, QC. Canada

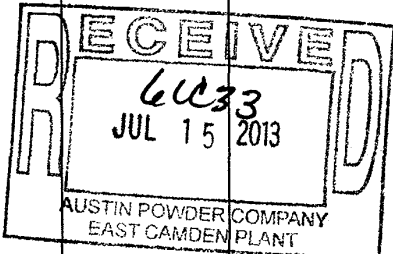
1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820684**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Netq: 18,000 kgs 39,683 lbs	Gwt: 42,011 Gwt: 19,056	42,011 19,056	lbs kgs	

Monica Kelly



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selge Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: Transport Nordique

PER: *Chas P Selge* PER: *[Signature]*

DATE: 13-07-2013

Load 2

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA012

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

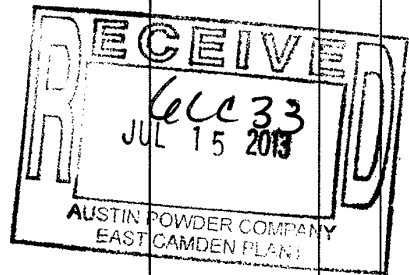
(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc.**
 TO: Consignee: **Austin Powder** *P121055*
 Street: **7-LC Blandy Road** *Gr # ~~231559~~*
 City, State, Zip Code: **East Camden, AR 71701** *234563*
 FROM: Shipper: **Paramount Enterprises International, Inc.**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Vehicle Number: _____ Trailer Number: _____ Seal Number: **820692**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs <i>39683 lbs</i>	Gwt: 42,011 Gwt: 19,056	lbs kgs		

Monica Kelly
7/15/13



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Chris P. Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 COD FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **SLT (Secured Land Transport)**
 PER: *Chris P. Selge* PER: _____
 DATE: _____

8102

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 3

Shipper No. GAEA013

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

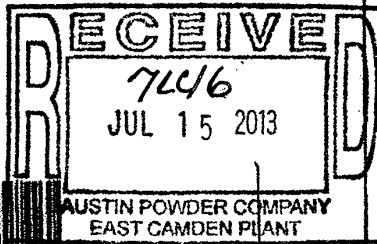
TO:
Consignee: Austin Powder
Street: 7-LC.Blandy.Road.
City, State, Zip Code: East Camden, AR 71701

P121055
Grn# 284564

FROM:
Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 Hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820693**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 pils	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Net: 18,000 kgs 39,683 lbs	Gwt: 42,011 Gwt: 19,056	42,011 lbs 19,056 kgs		



Monica Kelly
Monica Kelly 7/15/13



AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

NOTE: (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See NMF 300 Form 172.

(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to insure safe transportation. (See Section 2(b) of Form 300, Bill of Lading, Freight Bill and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.)

I hereby declare that the contents of this engagement are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

As P. Jones

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without receipt on the container, the consignee shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD FEE PREPAID COLLECT

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Freight collect when bill is rendered

RECEIVED, content in the classification and value in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, weight as noted herein and condition of contents of packages unexamined, received, and shipped as indicated above subject and carrier (the word carrier being understood to mean the vessel or carrier or carriers in possession of the property until the contract is terminated by the usual mode of delivery of said articles, if not by water, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed on each article of all or any of it, and property over all or any portion of said route to

destination and as to each party at any time intervening in all of any such property, delivery is to be delivered because that is subject to all the bill of lading terms and conditions in the governing classification to the back of this bill.

Shipper hereby certifies that he is familiar with all the terms and conditions in the governing classification and the bill of lading and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____
PER: *As P. Jones*

CARRIER: SLT (Secured Land Transport)
PER: *As P. Jones*
DATE: *7/10/13*

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 4
Shipper No. GAEA014
Carrier No. 65987

Page 1 of 1

SLT (Secured Land Transport)

Date _____


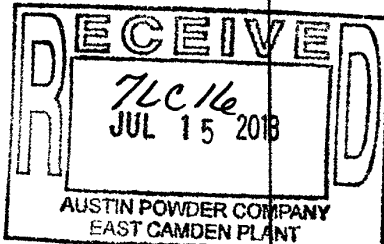
(Name of carrier)

TO:
Consignee: Austin Powder
Street: 7-LC Blandy Road
City, State, Zip Code: East Camden, AR 71701

PI 21055
QMA # 234565

FROM: Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: 2R999 Trailer Number: 223497 Seal Number: 820694

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gators, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxes on 24 pits	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Netq: 18,000 kgs 39683 lbs	Gwt: 42,011 Gwt: 19,056	lbs kgs		
		<i>Monica Kelly 7/15/13</i> <i>Monica Kelly</i>			 SLTW 010026 SECURED LAND TRANSPORT	
						

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

AGRE— (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability about a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFCA Item 172.
 (3) Commodity requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(s) of Item 204, Bill of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chris P. Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if the shipment is to be delivered to the consignee without recourse to the consignee, the consignee shall sign the following statement:
 The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges.

Signature of Consignee: _____

COD FEE
 PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check here if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, weight as noted (weights and condition of contents of packages unknown), receipt, receipt, and delivered in individual units which shall remain the responsibility of the shipper until the actual date of delivery at the destination, if on its face, otherwise to deliver in order better on the face to said destination, if it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route in

classification and on to each party of any item (revealed in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with the conditions in the governing classification and that he and the carrier and conditions are hereby agreed to by the shipper and accepted for himself and his assign.

SHIPPER: _____ CARRIER: SLT (Secured Land Transport)

PER: *Chris P. Selzer* PER: _____

DATE: *7/10/13*

Load 5

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA019
Carrier No. 65989

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder *MA 23456*
Street: 7-LC Blandy Road *234906*
City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

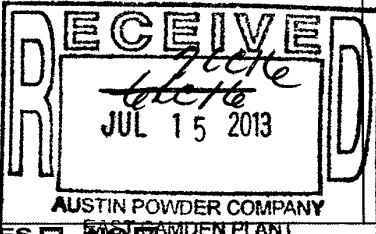
Vehicle Number: 2RX999 OK Trailer Number: 40736L OK Seal Number: 820699

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
576 plas buckets on 48 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 14,400 kgs (Comp. A-5) <i>31746 lbs</i>	Gwt: 42,328 Gwt: 19,200	lbs kgs		

*Monica Kelly
Monica Kelly 7/15/13*



SLTW 010030
SECURED LAND TRANSPORT



PLACARDS TENDERED: YES NO EAST CAMDEN PLANT

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Car P Selzer Signature

24 HR Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
PREPAID COLLECT

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on that route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____ CARRIER: SLT (Secured Land Transport)

PER: *Car P Selzer* PER: _____

DATE: *7/11/13*

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 6

Shipper No. GAEA020

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

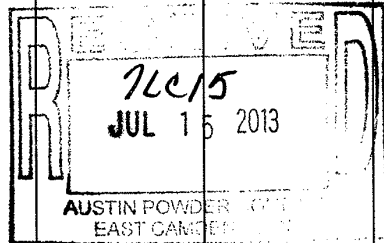
(Name of carrier)

TO:
 Consignee: Austin Powder P121055
 Street: 7-LC Blandy Road QINA ~~234567~~
 City, State, Zip Code: East Camden, AR 71701 234907

FROM: Shipper: Paramount Enterprises International, Inc
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820700**

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
576 plas buckets on 48 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 14,400 kgs (Comp. A-5) 31746 <div style="font-family: cursive; font-size: 1.2em;"> Monica Kelly 7/15/13 Monica Kelly </div>	Gwt: 42,328 Gwt: 19,200	lbs kgs		



PLACARDS TENDERED: YES NO

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Chas P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

 (Signature of Consignor)

COD FEE:
 PREPAID
 COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____ **CARRIER:** SLT (Secured Land Transport)

PER: *Chas P Selge* **PER:** _____

DATE: _____

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 7

Shipper No. GAEA011

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date 7/16/13

(Name of carrier)

TO:
Consignee: Austin Powder

P121055
QIN# 234613

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

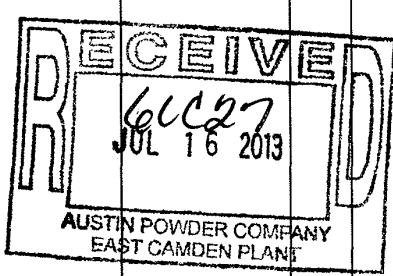
City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745


Route: _____ Vehicle Number: _____ Trailer Number: 53 407 Seal Number: 820691

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs 39693 lbs	Gwt: 42,011 Gwt: 19,056	lbs kgs		
		Monica Kelly 7/14/13 Monica Kelly				

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.


 Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

C.O.D. FEE:
 PREPAID
 COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____


FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____

CARRIER: Transport Nordique

PER: 

PER: _____

DATE: _____

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 8

Shipper No. GAEA009

Carrier No. _____

Date _____

Page 1 of 1

TRANSPORT NORDIQUE

(Name of carrier)

TO:
Consignee: **Austin Powder**
Street: **7-LC Blandy Road**
City, State, Zip Code: **East Camden, AR 71701**

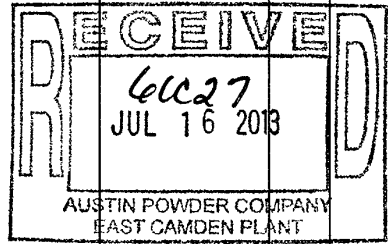
P121055
9114 234614

FROM:
Shipper: **Paramount Enterprises International, Inc**
Street: **6700 Chemin de La Grand Anse**
City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: 53457 Trailer Number: _____ Seal Number: 820689

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxes on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs 39683	Gwt: 42,011 Gwt: 19,056	lbs kgs		

Monica Kelly 7/16/13
Monica Kelly



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note— (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID
COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collect
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____ CARRIER: **Transport Nordique**

PER: [Signature] PER: _____

DATE: _____

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 9

Shipper No. GAEA007

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

P121055
QNH 234615

Street: **7-LC Blandy Road**

City, State, Zip Code: **East Camden, AR 71701**

FROM:
Shipper: **Paramount Enterprises International, Inc.**

Street: **6700 Chemin de La Grand Anse**

City, State, Zip Code: **Ville de La Baie, QC Canada**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

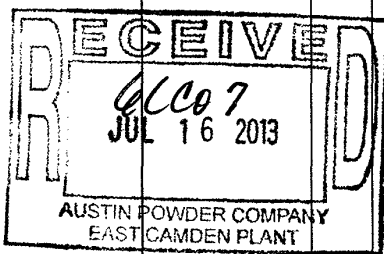
Route: _____

Vehicle Number: **374088**

Trailer Number: **53703**

Seal Number: **820687**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Net: 18,000 kgs 39683 <div style="font-family: cursive; font-size: 1.2em;"> Monica Kelly 7/16/13 Monica Kelly </div>	Gwt: 42,011 lbs Gwt: 19,056 kgs			



PLACARDS TENDERED: YES NO

Note— (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

C.O.D. FEE:
PREPAID
COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID except when box at right is checked
 Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____	CARRIER: Transport Nordique
PER:	PER:
	DATE: 14-7-13

Good 10
404543

P121055
Grn # 234744

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA016

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

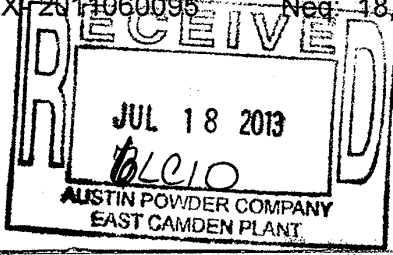
(Name of carrier)

Date _____

FROM: Shipper: **Paramount Enterprises International, Inc**
 TO: Consignee: **Austin Powder**
 Street: **6700 Chemin de La Grand Anse**
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
 24 hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**
USA Customer No. 16745

Route: _____ Vehicle Number: _____ Trailer Number: **53407** Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 30 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX-2014060095 Neg: 18,000 kgs 39683 lbs	Gwt: 42,316 Gwt: 19,194	lbs kgs		



Nordique # 6006862
 TRANSPORT TFI 14, S.E.C. NIR # R-574339-9
Preuve de livraison / Proof of delivery
 Time in: Shragg Time out: _____
 Signature: Shragg
 Date: 7/18/13

TRANSPORT TFI 14, S.E.C. TFIQ00009814 4	FILE CODE	TRANSPORT TFI 14, S.E.C. TFIQ00009814 4	FILE CODE	TRANSPORT TFI 14, S.E.C. TFIQ00009814 4	FILE CODE
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PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Part 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled, placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature: Chris P. Selig

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID Check box if charges except where box is right to checked. Check box if charges are to be collect.

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in separate good order, through the port of (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the vessel carrier being understood throughout this contract as meaning any person or corporation in possession of the property afloat, the contract) agrees to carry to its usual place of delivery at said destination. If on its route, it becomes necessary to discharge cargo on the route to said destination, it is mutually agreed as to each carrier of all or any of said property on or on any portion of said route to

destination and as to each party at any time entered in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**
 Signature: Chris P. Selig
 PER: Shragg
 DATE: 7/18/13

P121055
 m # 234745

Good 11
 404542

STRAIGHT BILL OF LADING
 ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA015

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

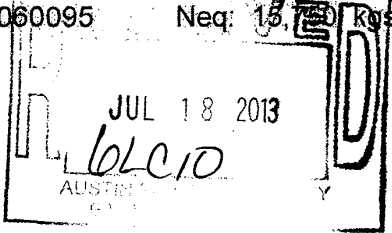
(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
 24 hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**
USA Customer No: 16745

TO: Consignee: **Austin Powder**
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
630 f/b bxs on 21 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX-2011060095 Neg: 15, 720 Kgs	34,720 lbs	Gwt: 36,760 Gwt: 16,674	lbs kgs	



TRANSPORT TFI 14, S.E.C. FILER CODE TRANSPORT TFI 14, S.E.C. FILER CODE TRANSPORT TFI 14, S.E.C. FILER CODE

TFIQ00009813 6 TFIQ00009813 6 TFIQ00009813 6



PLACARDS TENDERED: YES NO

Note: (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____.

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFCA item 172.

(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(c) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID: Check box if charges are to be collect

RECEIVED: subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (conditions and conditions of packages uniform), marked, consigned, and delivered to the carrier (the word carrier being understood throughout the contract as meaning any person or corporation in possession of the property under the bill of lading) to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, it is hereby agreed, as to each carrier of all or any of said property, that the carrier of each route to destination will be so each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bills of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**

BY: *[Signature]* PER: *[Signature]*

DATE: **11-7-13**



Joan H

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001
Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F DENSITY: 1.86 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
 1702 Fourth Street
 Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by EXPLOSIA, Semtin 107, 530 50 Pardubice 2, Czech Republic the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2011060095

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES: None.

DATED: 09/23/2011

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Lead 12

Shipper No. GABT038-4A

Carrier No. 220898

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO: *P121055*
 Consignee: Austin Star Detonator
 Street: Highland Industrial Park
 City, State, Zip Code: East Camden, AR 71711

FROM: Paramount Enterprises International, Inc
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: 7810012 Seal Number: 820782

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
480 f/b bxs on 20 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 9603032 Neq: 10,886.4 kgs <i>24000 lbs</i>	Gwt: 26,177 Gwt: 11,874	lbs kgs		
<div style="border: 2px solid black; padding: 10px; display: inline-block;"> <p style="font-size: 2em; margin: 0;">RECEIVED</p> <p style="font-size: 1.5em; margin: 0;"><i>6612</i></p> <p style="font-size: 1.2em; margin: 0;">JUL 22 2013</p> <p style="font-size: 0.8em; margin: 0;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div>						

Monica Kelly
Monica Kelly 7/22/13

PLACARDS TENDERED: YES NO

Note— (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Monica Kelly Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: R & R Trucking

PER: *Monica Kelly* PER: _____

DATE: _____

MULTIMODAL DANGEROUS GOODS FORM

1 Shipper/Consignor/Sender EURENCO Bofors AB BJÖRKBORNS INDUSTRIOMRÅDE		2 Transport document number	
SE-691 86 KARLSKOGA Sweden		3 Page 1 of 1 pages	4 Shipper's reference 20130457
		5 Freight Forwarder's reference	
6 Consignee AUSTIN STAR DETONATOR 901 CANTU ROAD		7 Carrier (to be completed by the carrier) SCANDINAVIAN SEALIFT	
78520 BROWNSVILLE, TX USA Notify party		SHIPPER'S DECLARATION I hereby declare that the contents of this consignment are fully and accurately described below by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded and are in all respects in proper condition for transport according to applicable international and national government regulations.	
8 This shipment is within limitations prescribed for: (Delete non-applicable) PASSENGER AND CARGO AIRCRAFT		9 Additional handling information TRANSPORT ENLIGHT 1.1.4.2.1 / Carriage in accordance with 1.1.4.2.1 (ADR)	
10 Vessel/flight No. and date	11 Port/place of loading	ERAP 2-1684-001 CA 24-hour emergency phone No. ERAP #1-888-922 33 30 CA CHEMTREC: #1-800-42493 00 US Emergency Telephone No. +46 586 830 50	
M/V ANMARE	VARBERG/SE		
12 Port/place of discharge	13 Destination		
GRANDE ANSE/QC	BROWNSVILLE, TX		
14 Shipping Marks	* Number and kind of packages; description of goods	Gross Mass (kg)	Net Mass (kg) Cube (m³)
CONSIGNEE S4846-5427 PO DO20223 NSH533 LOT 20132147 EX-9803032	UN 0483, HEXOGEN, DESENSITIZED, CLASS 1.1D EmS: F-B,S-Y (B1000C) 480 FIBREBOARD BOXES ON 20 PALETTS NET EXPLOSIVE WEIGHT: 10,866.40 KGS	11874.400	10886.400
15 Container Identification No./ vehicle registration No.	16 Seal number(s)	17 Container/vehicle size & type	18 Tare mass (kg)
			19 Total Gross mass (including tare) (kg)
CONTAINER/VEHICLE PACKING CERTIFICATE I hereby declare that the goods described above have been packed/loaded into the container/vehicle identified above in accordance with the applicable provisions. ** MUST BE COMPLETED AND SIGNED FOR ALL CONTAINER/VEHICLE LOADS BY PERSON RESPONSIBLE FOR PACKING/LOADING.		21 RECEIVING ORGANIZATION RECEIPT Receiving the above number of packages/containers/trailers in apparent good order and condition, unless stated hereon: RECEIVING ORGANIZATION REMARKS:	
20 Name of company	Haulier's name	22 Name of company (OF SHIPPER PREPARING THIS NOTE)	
EURENCO BOFORS AB		EURENCO Bofors AB	
Name/Status of declarant	Vehicle reg no.	Name/Status of declarant	
/LOADER		Birgitta Stålhandske, Logistic Adm.	
Place and date	Signature and date	Place and date	
KARLSKOGA 2013-06-11		KARLSKOGA 2013-06-11	
Signature of declarant	DRIVER'S SIGNATURE	Signature of declarant	
		<i>Birgitta Stålhandske</i>	

* DANGEROUS GOODS: YOU MUST SPECIFY: PROPER SHIPPING NAME, HAZARD CLASS, UN NO., PACKAGING GROUP, (WHERE ASSIGNED) MARINE POLLUTANT AND OBSERVE THE MANDATORY REQUIREMENTS UNDER APPLICABLE NATIONAL AND INTERNATIONAL GOVERNMENTAL REGULATIONS. FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.1.1

** FOR THE PURPOSES OF THE IMDG CODE SEE 5.4.2.

SAFETY DATA SHEET

1 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

1110 0423

1 PRODUCT IDENTIFICATION AND NAME OF THE COMPANY

Product name Hexogen, NSH533

Application Explosive

Manufacturer EURENCO Bofors AB
SE-691 86 KARLSKOGA
Tel: 0586-83050 Int. +46-568-83050
Fax: 0586-83310 Int. +46-586-83310

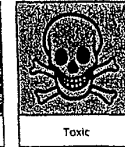
Emergency telephone number 0586-832 00, ERC +46-0(8)-33 70 43

2 COMPOSITION/IDENTITY INFORMATION

Hazardous Components	CAS-no	EINECS-no	%	Danger code	Risk phrases
Cyclotrimethylenetrinitramine	121-82-4	204-500-1	94-95	E, T	2-23/24/25
Cyclotetramethylenetetranitramine	2691-41-0	220-260-0	<4	E, Xn	2-20/21/22
Graphite	7782-42-5	231-955-3	<2	-	-
Wax	64742-42-3	265-144-0	<2	-	-

3 HAZARD IDENTIFICATION

Health hazard Risk of explosion by shock, fire or other sources of ignition
Toxic by inhalation, in contact with skin and if swallowed.



4 FIRST AID MEASURES

Inhalation Fresh air, rest and warmth. Rinse nose, mouth and throat with water. Call for a doctor if troubles remain.

Skin contact Take immediately off contaminated clothes/shoes. Wash with soap and water. Call for a doctor if troubles remain.

Eye contact Rinse carefully with water. Call for a doctor if troubles remain.

Ingestion Give a few glasses of milk or water if the person is fully conscious and try to cause vomiting. Rinse the mouth with water. Call for a doctor if troubles remain.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media Water sprinkler.

Extinguishing media not to be used Powdered extinguishing medlum.

Dangerous breaking down-product / gases Nitrous fume.

Special protective equipment for fire-fighters Evacuate the area, fire can be transformed into detonation, don't attempt to extinguish.

6 ACCIDENTAL RELEASED MEASURES

Ordinary measure Sweep up and put into marked container.

SAFETY DATA SHEET

2 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Protective equipment for clearance personal Protective equipment in case of direct contact, such as protective gloves and clothes.

Environmental precautions Prevent the product from reaching the sewage system.

Collection- and clearance method Sweep up and put into marked container.

Unsuitable clearance method and absorb solvent -

Method for taking care of waste Burned at approved place. Note! That explosive can detonate.

7 HANDLING AND STORAGE

Ventilation with handling Well ventilated area if there is some contact with the product.

Equipment with handling The equipment shall suit to the explosive sensitivity.

Recommended temperature with handling Normal room temperature.

Equipment which not will be used with handling Equipment which cause static electricity.

Requirement for storage and packing To be stored in tight closing containers and only in places approved for explosives.

Unsuitable handling and storage method Handling and storage only according to valid code of laws and instruction.

Other rules and instruction Permission for storage shall be allowed the police. Keep in a way that ensures complete safety according handling and import of explosive products.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Hygienic limits Swedish limit is missing. Limits in USA: TWA 1,5 mg/m³

Method of measurement Measuring of dust can be done according (Swedish) Arbetsmiljöverkets Method series, no M1010. Sampling of total dust and respirable dust

Biological limits Swedish limit is missing.

Specific measure for reducing exposure Workplace and working methods shall be worked out so that directly contact with the product contact will be prevented.

Breathing protection By danger of inhalation of dust, use breathing protection with dustfilter P3.

Gloves Rubber gloves when it will become risk for directly contact.

Eye protection Protective glasses if there is some risk that the product can irritate the eyes.

Protective cloth and shoes Flame protection treated clothes and safety boots when working with the product.

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical form Granule

Colour Grey

SAFETY DATA SHEET

3 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Odour	Odourless
Explosion properties	Explosive
Decomposition point	>190 °C
Solubility in water	0,005 weight-% with 30 °C
Solubility in other solvents	Soluble in Cyclohexanon, Methylcetylketone, Butyrolactone-gamma, Methylpyrrolidone (NMP)
Partition coefficient n-octanol/water	Log Pow = 1,62
Density (kg/m ³)	~900
Melting point	>190 °C
Autoignition temperature	>190 °C

10 STABILITY AND REACTIVITY

Conditions which could affect the product stability Impact, friction, fire, heating or electrostatic discharge.

Material to avoid Alkaline substances and strong acids.

Hazardous conversion- and or decomposition products Nitrous fume.

11 TOXICOLOGICAL INFORMATION

Inhalation	Cramp, cough, dizziness, headache, unwell and unconsciousness. The symptoms can be delayed.
Ingestion	Can cause poisoning, see inhalation. Contact doctor.
Skin	Resorption danger.
System effects with handling	Have not been detectable.
Eye	Dust can give red-eyed and pain.
Allergy cause properties	No
Cancer/mutation/unborn child damage/reproduction	As the Cytotrimethylenetrinitramine has shown biologic activity in animal test, can a risk on health not be eliminate.
Delayed health effects	No inhalation.
LD ₅₀ oral art	100 mg/kg

12 ECOLOGICAL INFORMATION

Toxicity to aquatic organisms	>50 mg/l, EC ₅₀ LC50 Fish 96 h: 3,6 mg/l EC50 Daphnia 48 h: >15mg/l, Sort: D. magna
Toxicity to soil organisms	Function is missing.

SAFETY DATA SHEET

4 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Toxicity to micro-organisms	Function is missing.
Mobility and allocation in the environmental	Function is missing.
The input products degradable into the environmental	Function is missing.
The input products degradable into the sewage	The product is sparingly degradable under aerobe conditions. BOD ₇ 0,020 g/g COD 0,35 g/g BOD ₇ /COD 0,06
Bioaccumulative	BCF: 4,7 Log Pow = 0,86
Data for the judge	Environment data, laboratory test, chemical products.

13 DISPOSAL CONSIDERATION

Take care off rest product	Handling as explosive waste, Not! explosion risk.
Take care off contaminated packaging	Container handling as dangerous goods.
Risks with waste handling	Rest of product can explode when combustion.
EWC-code	160403: Discard explosive.
Dangerous waste	Yes

14 TRANSPORT INFORMATION

FN/UN number	0483
Class ADR/RID, IMDG, IATA	1.1D
Proper shipping name	Cyclotrimethylenetrinitramine (Cyclonite, Hexogen, RDX), desensitized
Packing group	II
Marine Pollutant	No
EMS number	F-B, S-Y
EX-number (DOT/USA)	EX-9603032
Other	

15 REGULATORY INFORMATION

Dangerous symbols with dangerous code E, Explosive
T, Toxic



SAFETY DATA SHEET

5 (5)

Issued by, department, telephone Birgitta Pettersson, XQ, 83535	Date of revision 2004-09-02	Edition number 5	This edition replace 2003-04-22 ed. 4
Product denomination Hexogen NSH533			

Risk phrases	R2, Risk of explosion by chock, friction, fire or other sources of Ignition. R23/24/25, Toxic by Inhalation, in contact with skin and if swallowed.
Safety phrases	S36/37, Wear suitable protective clothing and gloves. S45, In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
Product name	Hexogen
Other regulations	Explosive legislation.
Limitation/restriction	Permit required for handling and storage.
Permission for transfer and handling	The law about flammable substance and explosive product. (Sweden) Ordinance about flammable substance and explosive product. (Sweden) Flammables and Explosives Department Instruction about Permit regarding transfer of explosives.
Input product in EINECS /ELINCS	Yes
Other legislation	Safety adviser for dangerous goods. Law about transport of dangerous goods. Law and ordinance about manufacturing and sell of war material.

16 OTHER INFORMATION

R-phrase from point 2	R20/21/22, Harmful by inhalation, on contact with skin and if swallowed.
Training for handling	Yes.
References	CAMBREX KARLSKOGA AB environment data SAAB Bofors technical rapport.
Other	This safety data sheet is a revised edition according the new chemical rules. The Informant in this SDS is based at our existing knowledge and is based too describe the product from safety point of view.



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Dianna L. Shade on behalf of D.A.T.E. International, Inc., 2700 Broening Highway, Suite 205, Baltimore, Maryland, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotetramethylenetetranitramine, desensitized, UN0484

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

PRODUCT DESIGNATION/PART NUMBER

EX-9603033 ✓

Octogen NSO 402

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized, UN0483.

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

PRODUCT DESIGNATION/PART NUMBER

EX-9603032 ✓

RDX/NSH 533

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, wetted, UN0072

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

PRODUCT DESIGNATION/PART NUMBER

EX-9603031 ✓

NSH 182

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 13

Shipper No. GAEA018

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)


Date _____

(Name of carrier)

TO:
 Consignee: Austin Powder
 Street: 7-LC Blandly Road
 City, State, Zip Code: East Camden, AR 71701

FROM:
 Shipper: Paramount Enterprises International, Inc
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820698

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
576 plas buckets on 48 plts	X	<u>UN0483, Hexogen, Desensitized, 1.1D, PG II</u> <u>EX- 2009080198 Neq: 14,400 kgs</u> <u>(Comp. A-5)</u> <div style="text-align: right; font-size: 1.5em; font-weight: bold;">31746</div>	Gwt: <u>42,328</u> Gwt: <u>19,200</u>	lbs kgs		
		<div style="text-align: center;">  SLTW 010029 SECURED LAND TRANSPORT </div>	<div style="border: 2px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 1.5em; font-weight: bold; letter-spacing: 0.5em;">RECEIVED</p> <p style="font-size: 1.2em; font-weight: bold;">REC12</p> <p style="font-size: 1.2em; font-weight: bold;">JUL 22 2013</p> <p style="font-size: 0.8em; font-weight: bold;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div>			

Monica Kelly
Monica Kelly

PLACARDS TENDERED: YES NO

Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature]
Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

COD FEE:
 PREPAID
 COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: SLT (Secured Land Transport)
PER: <i>[Signature]</i>	PER: <i>[Signature]</i>
	DATE: <u>7/16/13</u>



Sprewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date:	10.06.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4487 dated 14th March 2013
Period of Performance: June 2013

We have invoiced your order:

1	100.800 kgs Hexogen, desensitized (RDX)	0,05 €/kg	5.040,00
Merchandise-N°: 36020000 Price: FAS Handling			
<i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>			

Net Value:	5.040,00
VAT:	0,00
Gross Value:	5.040,00

**NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE**

Broker notation:

$14,400 \text{ kg} \times 0,05 \text{ kg} = \text{€ } 720,00 \text{ EUR}$

Shipper no: GA EA 018
PAPS # SLTW010029



SLTW 010029
SECURED LAND TRANSPORT

Sprewerk Lübben GmbH
Sitz: Böhmichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@sprewerk.com · Internet: www.sprewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach Ebfv



Canada Border
Services Agency

Agence des services
frontaliers du Canada

IN BOND
EN DOUANE

CARGO CONTROL DOCUMENT
DOCUMENT DE CONTRÔLE DU FRET

Acquitral No. - N° de l'acquittement						
 214U 00817 Secured Land Transport						
Previous Cargo Control No. - N° de contrôle du fret antérieur 913816345P1						
No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances Avances	Prepaid Port payé	Collect Port dû
576 plastic buckets on 48 plts	UN0483, Hexogen, Desensitized Class 1.1D PGII Net: 14,400 kgs Seal 820698	Gwt: 19,200 kgs				
Foreign point of landing - Port de chargement étranger			Location of goods - Emplacement des marchandises Grande Anse 301			
Name of carrier - Nom du transporteur SLT (Secured Land Transport) GAEA018			Conveyance identification - Identification du moyen de transport			

U.S. port of exit - Bureau de sortie des É.U.	In transit - En transit
---	-------------------------

Manifest from - Manifeste de Grande Anse 301	To - À Lacolle 351
--	------------------------------

Consignee name and address - Nom et adresse du destinataire Explo Systems Inc. 1702 Fourth Street Minden, LA 71055
--

Shipper name and address - Nom et adresse de l'expéditeur Spreewerk Lubben Bornichen 99 DE-15907 Lubben

A8A(B) (05)

MAIL COPY - EXEMPLAIRE DE LA POSTE

TRK 2902 2QU601(OK)
TRL 30088 399 864(OK)



U.S. Department
of Transportation

East Building, PHH-32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini
1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with
Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your
application, all supporting documentation and a copy of this approval must be retained
and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen,
desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c)
applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

BEFORDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address)		Buchungsnummer(n) Reference number(s)	
Sprewerk Lübben GmbH Börnichen 99 15907 Lübben			
Empfänger Consignee		Beförderer Carrier	
Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA			
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory	
AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Ort und Datum Place and date	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Unterschrift für den Packler Signature on behalf of packer	
Ladehafen Port of loading		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
MV "Anmare" Papenburg		Lübben, Juni 07, 2013	
Löschhafen Port of discharge		Sprewerk Lübben, Mr. Geiser	
Grand Anse		emergency response phone: 0049 3546 280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amt. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *	Klasse/Unterklasse nach IMO IMO-Class
	337 pallets = 4.032 Bucket	Hexogen	1.1 D UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass)	Markblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as:
Nettomenge/Volumen/Masse - Net quantity/volume/mass *** Netto Explosivstoffmasse *** Net explosive mass ***			<input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unlized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages
<u>Gross mass:</u> 134.450 kgs <u>Net explosive mass:</u> 100.800 kgs			Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen; ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; - - - Nur bei Stoffen der Klasse 1; *** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden. In diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory	
		Sprewerk Lübben GmbH, Mr. Tritsch	
		Ort und Datum Place and date	
		Lübben, Juni 07, 2013	
		Unterschrift für den Versender Signature on behalf of shipper	
IMO_Hexogen_Explo_USA_12062013.XLS		Hermann Tritt	

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 64 47



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-263-3352 Fax: 1-304-516-4401	LICENSE/PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME	EXPLO SYSTEMS INC	Premises Address: CHANGES? You must notify the FELC at least 10 days before the mo	1600 JAVA RD MINDEN, LA 71055
------	-------------------	--	----------------------------------

TYPE OF LICENSE OR PERMIT
23-IMPORTER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)

Christopher R. Reeves
Christopher R. Reeves

PURCHASING CERTIFICATION

I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.

Wm. Steg
(SIGNATURE OF LICENSEE/PERMITTEE)

Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan

EXPLO SYSTEMS INC
1600 JAVA RD
MINDEN, LA 71055

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transfer of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page:

1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylenetrinitramine

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lübben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C₃ H₆ N₆ O₆
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media:
Do not extinguish fire: Danger of explosion

Particular protective equipment:
Flame-retardant clothes

Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.

Methods for cleaning up / spillage removal:
Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:
Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:
Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:
Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:
Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



*** HAZARDOUS ***

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Cyclotrimethyltrinitramine

Material number RDX

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions): Risk of explosion by shock, friction, fire or other sources of ignition.
Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:	ADR: Substance number 483
	RID: Kemmler-number 1.1D, Substance number 483
Description of goods:	UN 0483, CYCLOTTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ADR/RID	Class 1, Code: 1.1D
Label	ADR: 1 / RID: 1 + 13
Limited quantities	LQ0
Contaminated packaging: Instructions	P112b - P112c
Special provisions for packing together	MP20

Transport by sea

UN number:	483
Proper shipping name:	UN 0483, CYCLOTTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
IMDG:	Class 1.1
Packing Group:	-
EmS number:	F-B, S-Y
Special provisions	-
Limited quantities	None
Contaminated packaging: Instructions	P112 (b) or (c)
Contaminated packaging: Provisions	-
IBC: Instructions	-
IBC: Provisions	-
Tank instructions: IMO	-
Tank instructions: UN	-
Tank instructions Provisions	-
Stowage and segregation	Category 10
Properties and observations	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/I/D number:	483
Proper shipping name:	UN 0483, CYCLOTTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ICAO/IATA:	Class 1.1
Passenger Ltd.Qty.:	Y- - Maximum quantity: -
Passenger:	Maximum quantity: Forbidden
Cargo:	Maximum quantity: Forbidden
ERG	1L

15. Regulatory information

Classification

Code letter and hazard symbol:	E	Explosive
	T	Toxic
R phrase(s):	R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
	R 25	Toxic if swallowed.



Spreewerk

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethyltrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



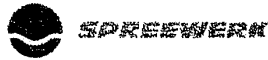
NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page:

1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation

explosive(s).

information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH
Street/POB-No.: Börnichen 99
State/city/postal code: D-15907 Lübben
Telephone: +49 (0)3546 / 28200
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/Information on ingredients

Chemical characterization (substance)

C₃ H₆ N₆ O₆
Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

after Inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



Spreewerk

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Cyclotrimethyltrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion
Particular protective equipment: Flame-retardant clothes
Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.
Methods for cleaning up / spillage removal: Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling:

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion:

Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:

Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility:

Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class:

1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection:

Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



Spreewerk

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Cyclotrimethylentrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions): Risk of explosion by shock, friction, fire or other sources of ignition.
Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



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Cyclotrimethylenetrinitramine

Material number RDX

Page:

4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1.1D, Substance number 483
Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE);
HEXOGEN; RDX), DESENSITIZED
ADR/RID: Class 1, Code: 1.1D
Label: ADR: 1 / RID: 1 + 13
Limited quantities: LQ0
Contaminated packaging: Instructions: P112b - P112c
Special provisions for packing together: MP20

Transport by sea

UN number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE);
HEXOGEN; RDX), DESENSITIZED
IMDG: Class 1.1
Packing Group: -
EmS number: F-B, S-Y
Special provisions: -
Limited quantities: None
Contaminated packaging: Instructions: P112 (b) or (c)
Contaminated packaging: Provisions: -
IBC: Instructions: -
IBC: Provisions: -
Tank instructions: IMO: -
Tank instructions: UN: -
Tank instructions Provisions: -
Stowage and segregation: Category 10
Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number: 483
Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE);
HEXOGEN; RDX), DESENSITIZED
ICAO/IATA: Class 1.1
Passenger Ltd.Qty.: Y- - Maximum quantity: -
Passenger: Maximum quantity: Forbidden
Cargo: Maximum quantity: Forbidden
ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol: E Explosive
T Toxic
R phrase(s): R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 25 Toxic if swallowed.



S P R E E W E R K

SAFETY DATA SHEET

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Cyclotrimethylentrinitramine

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Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
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	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH-02
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

Harpreet K. Singh

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Tracking No: 2009080603

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 15

Shipper No. GAEA001

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO: P121055 FROM: Shipper: Paramount Enterprises International, Inc.
 Consignee: Austin Powder Qm4 235072 Street: 6700 Chemin de La Grand Anse
 Street: 7-LC Blandy Road City, State, Zip Code: Ville de La Baie, QC Canada
 City, State, Zip Code: East Camden, AR 71701 24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
 USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: 5230716 Seal Number: 820681

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs 39683 lbs	Gwt: 42,011 lbs Gwt: 19,056 kgs			
		Monica Kelly 7/25/13 Monica Kelly	<div style="border: 2px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="font-size: 2em; font-weight: bold; text-align: center;">RECEIVED</p> <p style="font-size: 1.5em; font-family: cursive; text-align: center;">66014</p> <p style="font-weight: bold; text-align: center;">JUL 25 2013</p> <p style="font-size: 0.8em; text-align: center;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div>			

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chris P. Selge Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

G.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IPPER: _____ CARRIER: Transport Nordique

PER: *Chris P. Selge* PER: *Paul Smith*

DATE: 10/7/13

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Loosle

Shipper No. GAEA031-1

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

P121055
QMA# 235074

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal No: 819771

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
600 f/b bxes on 50 plts	X	UN0118, Hexolite, 1.1D, PG II EX- 9907089 Net: 13,200 kgs (Comp. B) <div style="text-align: right; margin-top: 10px;"> 28600 lbs 29100 lbs </div>	Gwt: 33,620 Gwt: 15,250	lbs kgs		
		<div style="font-family: cursive; font-size: 1.2em;"> Monica Kelly 7/25/13 Monica Kelly </div>	<div style="border: 2px solid black; padding: 10px; width: fit-content; margin: 0 auto;"> <p style="margin: 0; font-size: 1.5em; letter-spacing: 0.5em;">RECEIVED</p> <p style="margin: 5px 0 0 0; font-size: 1.2em; font-family: cursive;">6614 JUL 25 2013</p> <p style="margin: 0; font-size: 0.8em;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div>			

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

COD FEE:
 PREPAID
 COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and defined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

IPPER:	CARRIER: Transport Nordique
PER:	PER: _____
	DATE: _____

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Lead 16
GOOD ✓

Shipper No. GAEA031-2

P121055

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

97A#
236802

TO: Consignee: Austin Powder

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

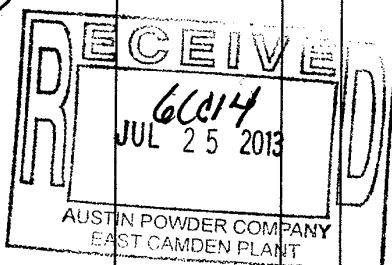
Route: _____

Vehicle Number: _____

Trailer Number: _____

Seal Number: 819 771

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
132 f/b bxs on 11 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2002100230 <i>Neq: 2,904 kgs</i> <i>6402.158</i> <i>Monica Kelly</i> <i>7/25/13</i> <i>Monica Kelly</i>	Gwt: 7,396 Gwt: 3,355	lbs kgs		



TRANSPORT TFI 14, S.E.C.

TFIQ00009829 2

FILER CODE

TRANSPORT TFI 14, S.E.C.

TFIQ00009829 2

FILER CODE

TRANSPORT TFI 14, S.E.C.

TFIQ00009829 2

FILER CODE

PLACARDS TENDERED: YES NO

Notes— (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Monica Kelly Signature

24 Hr Number and ERAP 2-1684-001 1-888-822-3330

COD Amt: \$ _____

COD FEE: PREPAID COLLECT \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES

FREIGHT PREPAID except when box at right is checked Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. If on its route, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

CARRIER: Transport Nordique

PER: *Monica Kelly*

PER: _____

DATE: _____



Sprewerk LÜbben GmbH
Postfach 15 65, 15905 LÜbben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date:	10.06.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4486 dated 14th March 2013
Period of Performance: June 2013

We have invoiced your order:

1	38.883 kgs TNT	0,10 €/kg	3.888,30
Merchandise-N°: 36020000 Price: FAS Handling			
<i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>			

Net Value:	3.888,30
VAT:	0,00
Gross Value:	3.888,30

**NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE**

Broker notation:

$2904 \text{ kgs} \times 0.10 \text{ kgs} = \text{€ } 290,40 \text{ EUR}$

Shipper no: GA EA 031-2

PAPs # TFIQ000098292

TRANSPORT TFI 14, S.E.C.

TFIQ00009829 2

FILER CODE



Sprewerk LÜbben GmbH
Sitz: Börnichen 99, 15907 LÜbben · Postadresse: Postfach 15 65, 15905 LÜbben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@sprewerk.com · Internet: www.sprewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Carl von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach ERFV

BEFORDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGvSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Schiffsnamen und Nummer der Reise Ship's name and voyage No.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler	
Ladehafen Port of loading Papenburg		Ort und Datum Place and date Lübben, Juni 07, 2013	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer <i>D. Geisler</i>	
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 114 pallets = 1.986 fibre cartons	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name)		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0209	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 43.977 kgs Net explosive mass: 38.883 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. MARINE POLLUTANT **	
Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only.		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper <i>Heinrich Tritsch</i>	
IMO_TNT_ExploUSA_12062013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (05 92 04) 54 47



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF
CORRESPONDENCE
TO Christopher R. Reeves
Chief, Federal Explosives Licensing Center (FELC)
Bureau of Alcohol, Tobacco, Firearms and Explosives
244 Needy Road
Martinsburg, West Virginia 25405
Telephone: 1-877-263-3362 Fax: 1-304-616-4401

LICENSE
PERMIT
NUMBER 5-LA-119-23-4A-00059
EXPIRATION
DATE January 1, 2014

NAME
EXPLO SYSTEMS INC Premises Address: CHANGES? You must notify the FELC at least 10 days before the chan
1600 JAVA RD
MINDEN, LA 71055

TYPE OF LICENSE OR PERMIT
23-IMPORTER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)
Christopher R. Reeves
Christopher R. Reeves

PURCHASING CERTIFICATION
I certify that this is a true copy of a license/permit
issued to me to engage in the activity specified.
Wm. Stuy Mays Jr
(SIGNATURE OF LICENSEE/PERMITTEE)

Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan
EXPLO SYSTEMS INC
1600 JAVA RD
MINDEN, LA 71055

The licensee/permittee named herein shall use a reproduction of this
license/permit to assist a transferor of explosives to verify the identity
and status of the licensee/permittee as provided in 27 CFR Part 555.
The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15; Part 1 (6/89)



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lübben

Telephone: +49 (0)3546 / 28200

Teletax: +49 (0)3546 / 28270

Dept. responsible for information:
Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C7 H5 N3 O6

CAS-Number: 118-96-7

EINECS-Number: 204-289-6

RTECS-Number: XU 0175000

EC-Number: 609-008-00-4

Hazchem-Code: 2WE

3. Hazard identification

Classification



Explosive

Toxic

Hazardous to the environment

R 2

R 23/24/25

R 33

R 51/53

Risk of explosion by shock, friction, fire or other sources of ignition.

Toxic by inhalation, In contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

4. First aid measures

general information:

Move victim to fresh air, loosen restrictive clothing and calm the victim. If breathing becomes irregular or ceases, apply mouth-to-mouth breathing or artificial ventilation immediately, where required administer oxygen. If victim is at risk of losing consciousness, position and transport on their side.

after inhalation:

Medical advice absolutely required!

after skin contact:

Immediately remove any contaminated clothing, shoes or stockings. Immediately clean with water and soap followed by thorough rinsing. Do not rinse with alcohol. Medical advice absolutely required!



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2008
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 2 of 5

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek the attention of an ophthalmologist immediately.

after swallowing: If person is conscious, induce vomiting. If unconscious, or with labored breathing, seek medical attention.

5. Fire fighting measures

Suitable extinguishing media:

Water

Particular hazards arising from the substance itself, combustion products or resulting gases:

In case of fire may form: nitrogen oxides (NOx).

Particular protective equipment:

Flame-retardant clothes

Additional Information:

Do not inhale vapours.

6. Accidental release measures

Methods for cleaning up / spillage removal:

Avoid generation of dust. Do not allow to enter ground water, sewage or drains.

Additional Information:

Use only in explosion-proof areas.

7. Handling and storage

Handling

Information for safe handling:

Avoid the formation of aerosol. Avoid generation of dust.

8. Exposure controls / personal protection

Limitation and monitoring of exposure

Limitation and monitoring of exposure at workplace.

Respiratory protection: With the formation of dust, use a dust mask.

Hand protection: Protective gloves according to EN374. Glove material: rubber.

eye protection: Tightly sealed safety glasses according to EN166.

General protection and hygiene measures:

Do not breathe the dust. Avoid contact with skin, eyes, and clothing. When using do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

9. Physical and chemical properties

Appearance

Form: solid, crystalline or scaling
Colour: colourless up to light yellow
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Boiling temperature / boiling range: 240 °C (1013 hPa)

Melting point / melting range: 80,7 °C

Vapour pressure: at 80 °C: 0,04 hPa

Density: 1,64 g/cm³

pH value: neutral



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2005
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 3 of 5

Solubility: at 20 °C: soluble in acetone, benzene and toluene 550 g/l
Solubility in water: 0,33 g/l
Thermal decomposition: Fumes form explosive mixtures with air.

Additional Information

Molecular weight: 227,11 g/mol

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Take precautionary measures against static discharges. Avoid shock and friction. Keep away from sources of ignition. No smoking.

Materials to avoid: In case of fire may form: nitrogen oxides (NO_x).

Thermal decomposition: Fumes form explosive mixtures with air.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 795 mg/kg
LD50 mouse, oral: 660 mg/kg
after skin contact: Danger of cutaneous absorption.
Additional information: Danger of cumulative effects.

12. Ecological information

details of elimination

Further details: Fish toxicity: Lethal dose: 1,5 - 2,0 mg/l

Ecotoxicological effects

Water risk class: 2 ((self-classified))
water pollutant

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Dispose of waste according to applicable local, state, and federal regulations. Special waste.

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 209
RID: Kemmler-number 1.1D, Substance number 209
Description of goods: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass
ADR/RID: Class 1, Code: 1.1D
Label: ADR: 1 / RID: 1 + 13
Limited quantities: LQ0
Contaminated packaging: Instructions: P112(b)(c)
Contaminated packaging: Special provisions: PP46
Special provisions for packing together: MP20



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 4 of 5

Transport by sea

UN number: 209
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass
IMDG: Class 1.1 D, Code -
Packing Group: -
EmS number: F-B, S-Y
Special provisions: -
Limited quantities: None
Contaminated packaging: Instructions P112(a), P112(b), P112(c)
Contaminated packaging: Provisions PP46
IBC: Instructions: -
IBC: Provisions: -
Tank Instructions: IMO: -
Tank Instructions: UN: -
Tank Instructions Provisions: -
Stowage and segregation: Category 10.
Properties and observations: Substance. Tritonal is a substance consisting trinitrotoluene (TNT) mixed with aluminium.

Air transport

UN/ID number: 209
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass
ICAO/IATA: Class 1.1D
Passenger Ltd.Qty.: Y- - Maximum quantity: -
Passenger: Verboten - Maximum quantity: Forbidden
Cargo: Verboten - Maximum quantity: Forbidden
ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol:

E Explosive
T Toxic
N Hazardous to the environment

R phrase(s):

R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R 33 Danger of cumulative effects.
R 51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

S phrase(s):

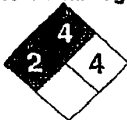
S (1/2) Keep locked up and out of reach of children.
S 35 This material and its container must be disposed of in a safe way.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).
S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

National regulations

National regulations Germany

Water risk class: 2 ((self-classified))
water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 2 (Moderate)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 5 of 5

16. Other information

Further remarks

Literature: Hommel: 334a

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

**Research and
Special Programs
Administration**

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations, (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene [or] TNT, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2002100230

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES:

None.

DATED: December 2, 2002

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2002100236

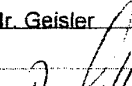
Page 1 of 1

BEFORDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address)	Buchungsnummer(n) Reference number(s)
Sprewerk Lübben GmbH Börnichen 99 15907 Lübben	

Empfänger Consignee	Beförderer Carrier
Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA	

CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE	Container/Fahrzeug-Nr. Container/Vehicle-Nr.
ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES	Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler
Ort und Datum Place and date Lübben, Juni 07, 2013	Unterschrift für den Packen Signature on behalf of packer 

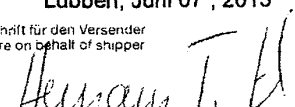
Schiffsname und Nummer der Reise Ship's name and voyage No.	Ladenafen Port of loading	(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)
MV "Anmare"	Papenburg	

Löschhafen Port of discharge Grand Anse	emergency response phone: 0049-3546-280
--	--

UN-Nr. UN-No.	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name)	Klasse/Unter- klasse nach IMO IMO-Class	Verpackungs- gruppe Packing group	Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages
	199 pallets = 2.135 fibre cartons		Hexolit (Composition B)	1.1 D UN 0118	

Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass ***	Merkblatt-Nr. für Unfall-Maßnahmen Ems No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert X in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
Gross mass: 61.524 kgs Net explosive mass: 53.548 kgs			

ZUSÄTZLICHE ANGABEN
Unter bestimmter Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).
ADDITIONAL INFORMATION
In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).

ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexolit_Explo_USA_12062013.XLS	Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 
--	---

Order No.: 299

01/07

Formularverlag CW Niemeyer, Hameln (0 51 51) 96 93-0, Wuppertal (02 021 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil near Stadt (0 70 33) 3 49 40, Hohencoleben (03 92 04) 64 47



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 559) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-6362 Fax: 1-304-616-4401	LICENSE/PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME: **EXPLO SYSTEMS INC** Premises Address: CHANGES? You must notify the FELC at least 10 days before the change.
1600 JAVA RD
MINDEN, LA 71055

TYPE OF LICENSE OR PERMIT: **23-IMPORTER OF HIGH EXPLOSIVES**

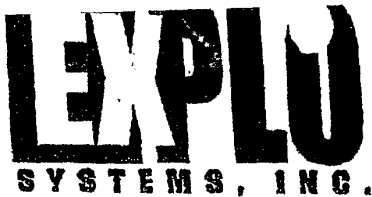
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC): *Christopher R. Reeves*
Christopher R. Reeves

PURCHASING CERTIFICATION: I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.

Wm Jay Wright
(SIGNATURE OF LICENSEE/PERMITTEE)

Mailing Address: CHANGES? You must notify the FELC at least 10 days before the change.
EXPLO SYSTEMS INC
1600 JAVA RD
MINDEN, LA 71055

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 559. The signature on each reproduction must be an ORIGINAL signature.



EXPLO SYSTEMS, INC.

1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Composition B DATE OF ISSUE: November 7, 2001
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0118
US DOT PROPER SHIPPING NAME: Composition B or Hexollite
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME RDX
% by Weight 40-60
Chemical Family Organic Nitro Compound
CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 40-60

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 °F DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F.
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

EXPLO SYSTEMS, INC.

1702 Fourth Street

Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation
Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20590

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Göte Johansson on behalf of Nammo LTAB AB, Vingakeravägen, SM-643 92 Vingaker, Sweden, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907087	Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotol D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0392

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907060	Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907061	Octol D

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 17

Shipper No. GAEA002

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date 23 juillet 2013

(Name of carrier)

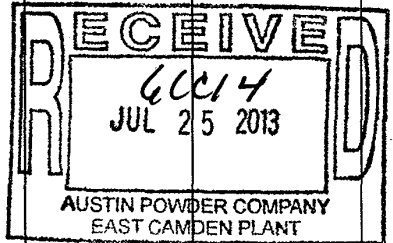
FROM: Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

TO:
 Consignee: **Austin Powder** P121055
 Street: **7-LC Blandy Road** qpn# 235073
 City, State, Zip Code: **East Camden, AR 71701**

Route: _____ Vehicle Number: _____ Trailer Number: 523 8110 Seal Number: 820682

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs 39 683 lbs	Gwt: 42,011 Gwt: 19,056	lbs kgs		

Monica Kelly
 Monica Kelly 7/25/13



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

Signature of Consignor: *Simon Bedard*

COD FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT PREPAID FREIGHT CHARGES Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

SHIPPER: _____ CARRIER: **Transport Nordique**

PER: *Simon Bedard* PER: *Simon Bedard SAC*

DATE: 23 juil '13

IMO DANGEROUS GOODS DECLARATION

This form meets the requirements of SOLAS 1974, Chapter VII, regulation 5, MARPOL 73/78, Annex III, regulation 4 and the IMDG Code, General Introduction, section 9.

Shipper STV GROUP a.s. Zitna 45 110 00 Prague 1 Czech Republic	Reference, number's (container #) (booking #)
---	---

Consignee EXPLO SYSTEMS Inc. 1600 Java Road LA 71055 Minden USA	3 Carrier	4 Pol-Mare Sp. z o.o. sp.k. Partyzantów 35 81-423 Gdynia Poland
--	-----------	---

Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. <p style="text-align: center;">TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</p>	Name/status, company/organization of signatory STV GROUP a.s. Place and date Hajniště 3.6.2013 Signature on behalf of packer
--	--

Ship's name and voyage No. mv ANMARE v. 4076	Port of loading Gdynia	6 7 (Reserved for text, instructions or other matter)
---	---------------------------	---

Marks & Nos. If applicable Identification or registration number(s) of the Unit TNT (Trinitrotoluene)	Number and kind of packages, proper shipping name* IMO hazard class/division UN number Packaging group (where assigned)**; flashpoint (in C or °C)** control and emergency temperatures**; identification of the goods as MARINE POLLUTANT**; EmS No. and MFAG Table No.*** 12 000 boxes x 25 kg each, total 300 000 kg IMO/RID 1.1D UN 0209 Net weight : 300 000 kg Gross weight: 308 400 kg Gross weight with tara of pallets: 318 083 kg	9 Goods delivered as: <input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized Cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank, vehicle, etc.) <input type="checkbox"/> Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
---	---	---

*synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable:
 (1) the word "WASTE" should precede the name;
 (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added;
 (3) "LIMITED QUANTITY" should be added.
 ** When required in 9.3 of the General Introduction to the IMDG Code. ***When required.
 The IMDG Code page number should not appear on this form.
ADDITIONAL INFORMATION (i.e. 24 hr emergency number):
 Pavel Konečný phone 00420 777 296 946

In Certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7, 1.9.7, 2.9.9.1 and 9.10.1. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s) and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. form IMO 1/1997	Name/status, company/organization of signatory Jan Děcký, Commercial Director / STV GROUP A.S. Place and date: Hajniště 6.3.2013 Signature on behalf of packer
---	---



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300(WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F **DENSITY:** 1.86 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration** **The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by EXPLOSIA, Semtin 107, 530 50 Pardubice 2, Czech Republic the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2011060095

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES: None.

DATED: 09/23/2011

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011060144

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 18

Shipper No. GAEA030-1

Carrier No. _____

Date _____

Page 1 of 1

TRANSPORT NORDIQUE

(Name of carrier)

TO:

Consignee: Austin Powder CO. q/n # 235872

Street: 7-LC Blandy Road

City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

City, State, Zip Code: Ville de La Baie, QC Canada

1-800-424-9300 (CHEMTREC)

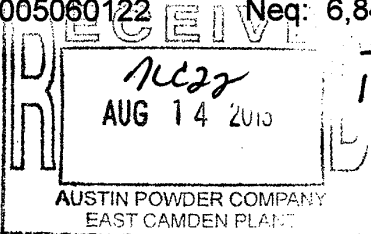
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route:

Vehicle Number: 374088

Trailer Number: 5236322

Seal Number: 819770

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
19 f/b bxs on 19 plts	X	UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Neq: 6,845 kgs	Gwt: 17,747 Gwt: 8,050	lbs kgs		
				<p>Nordique # <u>6007585</u></p> <p>TRANSPORT TFI 14, S.E.C. NIR # R-574339-9</p> <p>Preuve de livraison / Proof of delivery</p> <p>Time in : <u>7:30</u> Time out : _____</p> <p>Signature : <u>Melania Keller</u></p> <p>Date : <u>AUGUST 14 2013</u></p>		

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P. Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE
 PREPAID
 COLLECT \$

TOTAL CHARGES \$

FREIGHT CHARGES
 FREIGHT PREPAID except when box at right is checked
 Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER:

CARRIER: Transport Nordique

PER: *Chas P. Selge*

PER: *Lionel Dupage*

DATE: AUGUST 13, 2013

BEFORDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreerwerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4 2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreerwerk Lübben, Mr. Geisler		Ort und Datum Place and date Lübben, Juni 07, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No. MS "Anmare"		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer 	
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)		emergency response phone: 0049 3546 280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration numbers(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 64 pallets = 64 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * Torpex (Hexotonal)	Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0393
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass ***	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen; insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
Gross mass: 27.175 kgs Net explosive mass: 23.045 kgs			
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEFÄHRLICH“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreerwerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 	
IMO_Hexotonal_ExploUSA_12062013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 53) 3 49 40, Hohendodeleben (03 92 04) 54 47

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 18

Shipper No. GAEA030-2

Carrier No. _____

Date _____

Page 1 of 1

TRANSPORT NORDIQUE

(Name of carrier)

TO:
Consignee: Austin Powder
Street: 7-LC Blandy Road

p121055
and 35873

FROM: Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
USA Customer No: 16745

Route: _____

Vehicle Number: 374088

Trailer Number: 5236322

Seal Number: 819770

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
23 f/b bxs on 23 pits	X	UN0118, Hexolite, 1.1D, PG II EX- 9907089 Neq: 7,084 kgs (Comp. B) <i>15,617 lbs</i>	Gwt: Gwt:	17,293 7,844	lbs kgs	
		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="font-size: 1.5em; font-weight: bold; margin: 0;">RECEIVED</p> <p style="font-size: 1.2em; font-weight: bold; margin: 0;">7LC27</p> <p style="font-size: 1.2em; font-weight: bold; margin: 0;">AUG 14 2013</p> <p style="font-size: 0.8em; margin: 0;">AUSTIN POWDER COMPANY EAST CAMDEN PLANT</p> </div> <p style="font-size: 1.5em; font-family: cursive; margin-top: 10px;">Monica Kelly 8/14/13 Monica Kelly</p>				

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Lepage
Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE:
PREPAID
COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collected
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____

CARRIER: Transport Nordique

PER: Ch P Lepage

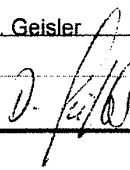
PER: Lionel Lepage

DATE: AUGUST 13, 2013

BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER
nach §8 GGvSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

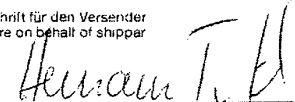
Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börnichen 99 15907 Lübben	Buchungsnummer(n) Reference number(s)
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA	Beförderer Carrier

CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE		Container-/Fahrzeug-Nr. Container-/Vehicle-Nr.
ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Name/Funktion, Unternehmery/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Geisler
Schiffsname und Nummer der Reise Ship's name and voyage No. MV "Anmare" Ladehafen Port of loading Papenburg		Ort und Datum Place and date Lübben, Juni 07, 2013
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer 
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter) emergency response phone: 0049-3546-280		

UN-Nr. UN-No.	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name)	Klasse/Unter- klasse nach IMC IMO-Class	Verpackungs- gruppe Packing group	Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos. if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages
	199 pallets = 2.135 fibre cartons		Hexolit (Composition B)	1.1 D UN 0118	

Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge (Volumen/Masse) · Net quantity/volume/mass Netto Explosivstoffmasse ··· Net explosive mass ···	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ··· MARINE POLLUTANT ··· Kontroll- und Notfalltemperatur ··· Control and emergency temperature ···	Güter angeliefert als/ Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert X in appropriate box (Diese Spalte kann bis auf die Überschrift frei- gelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the head- ing, in which case insert appropriate description)
Gross mass: 61.524 kgs Net explosive mass: 53.548 kgs			

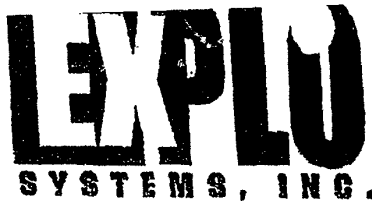
ZUSÄTZLICHE ANGABEN
Unter bestimmter Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite).
ADDITIONAL INFORMATION
In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).

ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexolit_Explo_USA_12062013.XLS	Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 
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Order No.: 299

01/07

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 60 20 31,
Frankfurt (0 69) 89 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohenlockseben (03 92 04) 54 47



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Composition B DATE OF ISSUE: November 7, 2001
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0118
US DOT PROPER SHIPPING NAME: Composition B or Hexolite
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME RDX
% by Weight 40-60
Chemical Family Organic Nitro Compound
CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 40-60

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 °F DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F.
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

Research and
Special Programs
Administration

400 Seventh Street, S.W.
Washington, D.C. 20380

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request, by Gote Johansson on behalf of Nammo LIAE AB,
Vingakeravetken, SM-643 92 Vingaker, Sweden, the following items are classed in
accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR).

U.N. PROPER SHIPPING NAME AND NUMBER: Hexogen desensitized, UN0482

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907057	Hexogen

U.N. PROPER SHIPPING NAME AND NUMBER: Hexolite, UN0118

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907089	Hexotel D

U.N. PROPER SHIPPING NAME AND NUMBER: Hexotonal, cast, UN0393

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907080	Hexotonal D

U.N. PROPER SHIPPING NAME AND NUMBER: Octolite (Octol), UN0266

U.N. CLASSIFICATION CODE: 1.1D

<u>REFERENCE NUMBER</u>	<u>PRODUCT DESIGNATION/PART NUMBER</u>
EX-9907061	Octol D

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Load 18

Shipper No. GAEA030-3
Carrier No. _____
Date _____

Page 1 of 1

TRANSPORT NORDIQUE
(Name of carrier)

TO: *P121055*
Consignee: Austin Powder *grn# 235879*
Street: 7-LC Blandy Road
City, State, Zip Code: East Camden, AR 71701

FROM: Shipper: Paramount Enterprises International, Inc
Street: 6700 Chemin de La Grand Anse
City, State, Zip Code: Ville de La Baie, QC Canada
24 hr. Emergency Contact Tel. No.: 1-800-424-9300 (CHEMTREC)
USA Customer No: 16745

Route: _____ Vehicle Number: 374088 Trailer Number: 5236322 Seal Number: 819770

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
126 f/b bxs on 7 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2002100230 Neq: 2,475 kgs <i>5456 lbs</i>	Gwt: 6,168 Gwt: 2,798	lbs kgs		

RECEIVED
NC22
AUG 14 2013
AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

Nordique
TRANSPORT TFI 14, S.E.C. NIR # R-574339-9
6007585
Preuve de livraison / Proof of delivery
Time in: 7:30 Time out: _____
Signature: *M. J. Kelly*
Date: AUGUST 14 2013

PLACARDS TENDERED: YES NO

Note --- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Ro P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt \$ _____
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

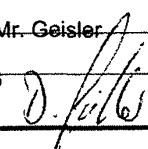
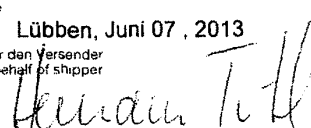
C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT CHARGES \$ _____
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

PPER: _____ CARRIER: Transport Nordique
PER: *Ro P Selge* PER: *Lionel Lopez*
DATE: AUGUST 13, 2013

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler		Ort und Datum Place and date Lübben, Juni 07, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Unterschrift für den Packen Signature on behalf of packer 	
Ladefahrer Port of loading Papenburg		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Löschhafen Port of discharge MS "Anmare" Grand Anse		emergency response phone: 0049-3546-280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 114 pallets = 1.986 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * TNT (Trinitrotoluene)	Klasse/Unterklasse nach IMO IMO-Class 1.1 D
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 43.977 kgs Net explosive mass: 38.883 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only.		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutretendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden, in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside)			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 	
IMO_TNT_ExploUSA_12062013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hamein (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Höhendodeleben (03 92 04) 54 47



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lübben

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/Information on ingredients

Chemical characterization (substance)

C7 H5 N3 O6

CAS-Number: 118-96-7

EINECS-Number: 204-289-6

RTECS-Number: XU 0175000

EC-Number: 609-008-00-4

Hazchem-Code: 2WE

3. Hazard identification

Classification



Explosive



Toxic



Hazardous to the environment

R 2

R 23/24/25

R 33

R 51/53

Risk of explosion by shock, friction, fire or other sources of ignition.

Toxic by inhalation, In contact with skin and if swallowed.

Danger of cumulative effects.

Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

4. First aid measures

general information:

Move victim to fresh air, loosen restrictive clothing and calm the victim. If breathing becomes irregular or ceases, apply mouth-to-mouth breathing or artificial ventilation immediately, where required administer oxygen. If victim is at risk of losing consciousness, position and transport on their side.

after inhalation:

Medical advice absolutely required!

after skin contact:

Immediately remove any contaminated clothing, shoes or stockings. Immediately clean with water and soap followed by thorough rinsing. Do not rinse with alcohol. Medical advice absolutely required!



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2008
Revision date: 19.05.2008
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 2 of 5

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek the attention of an ophthalmologist immediately.

after swallowing: If person is conscious, induce vomiting. If unconscious, or with labored breathing, seek medical attention.

5. Fire fighting measures

Suitable extinguishing media:

Water

Particular hazards arising from the substance itself, combustion products or resulting gases:

In case of fire may form: nitrogen oxides (NO_x).

Particular protective equipment:

Flame-retardant clothes

Additional information:

Do not inhale vapours.

6. Accidental release measures

Methods for cleaning up / spillage removal:

Avoid generation of dust. Do not allow to enter ground water, sewage or drains.

Additional information:

Use only in explosion-proof areas.

7. Handling and storage

Handling

Information for safe handling:

Avoid the formation of aerosol. Avoid generation of dust.

8. Exposure controls / personal protection

Limitation and monitoring of exposure

Limitation and monitoring of exposure at workplace.

Respiratory protection: With the formation of dust, use a dust mask.

Hand protection: Protective gloves according to EN374. Glove material: rubber.

eye protection: Tightly sealed safety glasses according to EN166.

General protection and hygiene measures:

Do not breathe the dust. Avoid contact with skin, eyes, and clothing. When using do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

9. Physical and chemical properties

Appearance

Form: solid, crystalline or scaling
Colour: colourless up to light yellow
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Boiling temperature / boiling range: 240 °C (1013 hPa)
Melting point / melting range: 80,7 °C
Vapour pressure: at 80 °C: 0,04 hPa
Density: 1,64 g/cm³
pH value: neutral



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 3 of 5

Solubility: at 20 °C: soluble in acetone, benzene and toluene 550 g/l
Solubility in water: 0,33 g/l
Thermal decomposition: Fumes form explosive mixtures with air.

Additional information

Molecular weight: 227,11 g/mol

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Take precautionary measures against static discharges. Avoid shock and friction. Keep away from sources of ignition. No smoking.

Materials to avoid: In case of fire may form: nitrogen oxides (NOx).

Thermal decomposition: Fumes form explosive mixtures with air.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 795 mg/kg
LD50 mouse, oral: 660 mg/kg

after skin contact: Danger of cutaneous absorption.

Additional information: Danger of cumulative effects.

12. Ecological information

details of elimination

Further details: Fish toxicity: Lethal dose: 1,5 - 2,0 mg/l

Ecotoxicological effects

Water risk class: 2 ((self-classified))
water pollutant

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)

Recommendation: Dispose of waste according to applicable local, state, and federal regulations. Special waste.

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:

ADR: Substance number 209

RID: Kemmler-number 1.1D, Substance number 209

Description of goods:

TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass

ADR/RID

Class 1, Code: 1.1D

Label

ADR: 1 / RID: 1 + 13

Limited quantities

LQ0

Contaminated packaging: Instructions

P112(b)(c)

Contaminated packaging: Special provisions

PP46

Special provisions for packing together

MP20



SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 4 of 5

Transport by sea

UN number: 209
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass
IMDG: Class 1.1 D, Code -
Packing Group: -
EmS number: F-B, S-Y
Special provisions: -
Limited quantities: None
Contaminated packaging: Instructions P112(a), P112(b), P112(c)
Contaminated packaging: Provisions PP46
IBC: Instructions: -
IBC: Provisions: -
Tank Instructions: IMO: -
Tank Instructions: UN: -
Tank Instructions Provisions: -
Stowage and segregation: Category 10.
Properties and observations: Substance. Tritonal is a substance consisting trinitrotoluene (TNT) mixed with aluminium.

Air transport

UN/ID number: 209
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass
ICAO/IATA: Class 1.1D
Passenger Ltd.Qty.: Y - Maximum quantity: -
Passenger: Verboten - Maximum quantity: Forbidden
Cargo: Verboten - Maximum quantity: Forbidden
ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol:

E Explosive
T Toxic
N Hazardous to the environment

R phrase(s):

R 2 Risk of explosion by shock, friction, fire or other sources of ignition.
R 23/24/25 Toxic by inhalation, in contact with skin and if swallowed.
R 33 Danger of cumulative effects.
R 51/53 Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

S phrase(s):

S (1/2) Keep locked up and out of reach of children.
S 35 This material and its container must be disposed of in a safe way.
S 45 In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).
S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

National regulations

National regulations Germany

Water risk class: 2 ((self-classified))
water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 2 (Moderate)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)



SPREWERK

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006

Revision date: 19.05.2006

Date of first version: 11.12.2003

2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page:

5 of 5

16. Other information

Further remarks

Literature: Hommel: 334a

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20680

**Research and
Special Programs
Administration**

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations, (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene [or] TNT, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2002100230

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES:

None.

DATED: December 2, 2002

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2002100236

Page 1 of 1

EXPLO

SYSTEMS. INC.

Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	RDX
% by Weight	30-50%
Chemical Family	Organic Nitro Compound
CHEMICAL NAME:	2,4,6-TRINITROTOLUENE
COMMON NAME:	TNT
CHEMICAL FAMILY:	Organic Nitro Compound
CAS NO.: % BY	118-96-7
WEIGHT:	40-50%
CHEMICAL NAME	ALUMINUM
% By Weight	10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:	176° F	DENSITY:	1.66 g/cm ³
VAPOR PRESSURE %		0.057 Mpa, 178° F	
VOLATILE, BY VOL:		N/A	



Page 2

VAPOR DENSITY: N/A
 EVAPORATION RATE: N/A
 SOLUBILITY IN WATER: Insoluble
 APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
 EXTINGUISHING MEDIA: None
 SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.
 STABILITY: Stable
 UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
 INCOMPATIBILITY: No Data Applicable
 AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
 EYES: SKIN: Slightly Irritating Slightly
 INHALATION: Irritating TNT Is Toxic by
 INGESTION: Inhalation. TNT is Toxic by
 Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
 SKIN: Wash with soap and water
 INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
 INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION: General ventilation with local exhaust in operation area.
EYE PROTECTION: Chemical Goggles
SKIN PROTECTION: Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN: Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD: Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
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Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
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U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2005060122

PRODUCT DESIGNATION/PART NUMBER
ISL-Torpex (Hexotonal)

NOTES:
None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

Load 19

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA022

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
 Consignee: Austin Powder
 Street: 7-LC Blandy Road
 City, State, Zip Code: East Camden, AR 71701

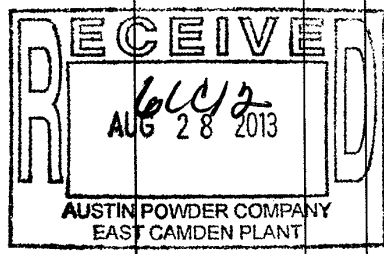
FROM:
 Shipper: Paramount Enterprises International, Inc
 Street: 6700 Chemin de La Grand Anse
 City, State, Zip Code: Ville de La Baie, QC Canada
 1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

P1 21055
grn # 236445

Route: _____ Vehicle Number: 374088 Trailer Number: 5236316 Seal Num: 819762

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
576 plas buckets on 48 pfts	X	Ref # <u>6006885</u> UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 14,400 kgs (Comp. A-5) <u>31746 lbs</u>	Gwt: 42,328 Gwt: 19,200	lbs kgs		

Monica Kelly
Monica Kelly



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: Transport Nordique
 PER: *Ch P Selge* PER: *Lionel Dupage*
 DATE: August 26, 2013

BEFORDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVS^{ee} (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Schiffname und Nummer der Reise Ship's name and voyage No.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler	
Ladehafen Port of loading Papenburg		Ort und Datum Place and date Lübben, Juni 07, 2013	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packler Signature on behalf of packer 	
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)		emergency response phone: 0049-3546-280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 337 pallets = 4.032 Bucket	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * Hexogen	Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0483
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse * Net explosive mass *** Gross mass: 134.450 kgs Net explosive mass: 100.800 kgs	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert 'X' in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden, in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. **When required in chapter 5.4 of the IMDG-Code; *** Class 1 only.			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 	
IMO_Hexogen_Explo_USA_12062013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal: (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hohendodeleben (03 92 04) 54 47



Spreewerk

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation

explosive(s).

information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lübben

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C₃H₆N₆O₆

Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

R 2
R 25



Toxic

Risk of explosion by shock, friction, fire or other sources of ignition.
Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.

after skin contact: After contact with skin, wash immediately with soap and plenty of water.

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



Spreewerk Lütben

SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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Cyclotrimethylentrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion
Particular protective equipment: Flame-retardant clothes
Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.
Methods for cleaning up / spillage removal: Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling: Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.

Precautions against fire and explosion: Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers: Keep locked up.
Keep away from open flames and other sources of ignition.

Information about storage in one common storage facility: Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).

Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask

Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



Spreewerk

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
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Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid: explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

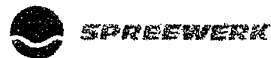
Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board: ADR: Substance number 483
RID: Kemmler-number 1.1D, Substance number 483

Description of goods: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

ADR/RID: Class 1, Code: 1.1D

Label: ADR: 1 / RID: 1 + 13

Limited quantities: LQ0

Contaminated packaging: Instructions: P112b - P112c

Special provisions for packing together: MP20

Transport by sea

UN number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

IMDG: Class 1.1

Packing Group: -

EmS number: F-B, S-Y

Special provisions: -

Limited quantities: None

Contaminated packaging: Instructions: P112 (b) or (c)

Contaminated packaging: Provisions: -

IBC: Instructions: -

IBC: Provisions: -

Tank instructions: IMO: -

Tank instructions: UN: -

Tank instructions Provisions: -

Stowage and segregation: Category 10

Properties and observations: Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/D number: 483

Proper shipping name: UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED

ICAO/IATA: Class 1.1

Passenger Ltd.Qty.: Y - - Maximum quantity: -

Passenger: Maximum quantity: Forbidden

Cargo: Maximum quantity: Forbidden

ERG: 1L

15. Regulatory information

Classification

Code letter and hazard symbol:

E	Explosive
T	Toxic

R phrase(s):

R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R 25	Toxic if swallowed.



SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2009080198

PRODUCT DESIGNATION/PART NUMBER

Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 20

Shipper No. GAEA023

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

P121055
gr n# 236523

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **819763**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
576 plas buckets on 48 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 14,400 kgs (Comp. A-5) 31746 lbs	Gwt: 42,328 Gwt: 19,200	lbs kgs		

Monica Kelly
Monica Kelly

RECEIVED

60012

AUG 29 2013

AUSTIN POWDER COMPANY
EAST CAMDEN PLANT

PLACARDS TENDERED: YES NO

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature]

Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt \$

C.O.D. FEE:
PREPAID
COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES

FREIGHT PREPAID Check box if charges are to be collect
 except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. If on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: **Transport Nordique**

PER:

[Signature]

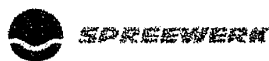
PER:

**BEN & MARYSE
NORDIQUE**

DATE:

374100 ©

DELIVERED AUG 29 2013



SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation

explosive(s).

Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lübben

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6

Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine
Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



E



T

Explosive

Toxic

R 2
R 25

Risk of explosion by shock, friction, fire or other sources of ignition.
Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.
after skin contact: After contact with skin, wash immediately with soap and plenty of water.
after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



SPREWERK

SAFETY DATA SHEET

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Cyclotrimethylenetrinitramine

Material number RDX

Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion
Particular protective equipment: Flame-retardant clothes
Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.
Methods for cleaning up / spillage removal: Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling: Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.
Precautions against fire and explosion: Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers: Keep locked up.
Keep away from open flames and other sources of ignition.
Information about storage in one common storage facility: Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).
Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask
Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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Cyclotrimethylentrinitramine

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.
General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties

Appearance

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data

Important data concerning health- and environmental protection and safety thereto

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid:

explosive(s): Keep away from inflammable substances.

11. Toxicological information

Toxicological Tests:

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information

Ecotoxicological effects

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations

Product

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SPREWERK

SAFETY DATA SHEET

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Date of print: 19.05.2006
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Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:	ADR: Substance number 483
Description of goods:	RID: Kemmler-number 1.1D, Substance number 483 UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ADR/RID	Class 1, Code: 1.1D
Label	ADR: 1 / RID: 1 + 13
Limited quantities	LQ0
Contaminated packaging: Instructions	P112b - P112c
Special provisions for packing together	MP20

Transport by sea

UN number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
IMDG:	Class 1.1
Packing Group:	-
EmS number:	F-B, S-Y
Special provisions	-
Limited quantities	None
Contaminated packaging: Instructions	P112 (b) or (c)
Contaminated packaging: Provisions	-
IBC: Instructions	-
IBC: Provisions	-
Tank instructions: IMO	-
Tank instructions: UN	-
Tank instructions Provisions	-
Stowage and segregation	Category 10
Properties and observations	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/ID number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE; HEXOGEN; RDX), DESENSITIZED
ICAO/IATA:	Class 1.1
Passenger Ltd.Qty.:	Y- - Maximum quantity: -
Passenger:	Maximum quantity: Forbidden
Cargo:	Maximum quantity: Forbidden
ERG	1L

15. Regulatory information

Classification

Code letter and hazard symbol:	E	Explosive
	T	Toxic
R phrase(s):	R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
	R 25	Toxic if swallowed.



QUALISYS SUMDAT

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini
1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with
Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your
application, all supporting documentation and a copy of this approval must be retained
and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen,
desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2009080198

PRODUCT DESIGNATION/PART NUMBER
Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c)
applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

Road 21

P121055

GRN# 236702

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date 11 Jul 13

(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**

TO: Consignee: **Austin Powder CO.**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

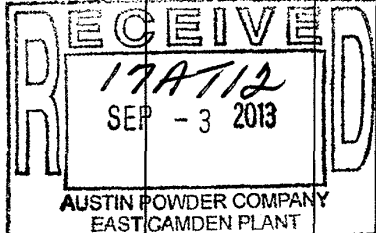
City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: 5236324 Seal Number: 819765

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
45 f/b bxs on 45 plts	X	UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Neq: 16,200 kgs <i>35714.520 lbs</i>	Gwt: 42,163 Gwt: 19,125	lbs kgs		
		<i>Monica Kelly</i> <i>Monica Kelly</i> POC: Monica or Roger 870-574-0580				

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selge Signature

COD Amt \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

COD FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**

PER: *Chas P Selge* PER: _____

DATE: _____



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-263-3362, Fax: 1-304-616-4401	LICENSE PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME	EXPLO SYSTEMS INC	Premises Address - CHANGES? You must notify the FELC at least 10 days before the chan	1600 JAVA RD MINDEN, LA 71055
------	-------------------	---	----------------------------------

TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES
---------------------------	--------------------------------

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER, FELC	<i>Christopher R. Reeves</i> Christopher R. Reeves
--	---

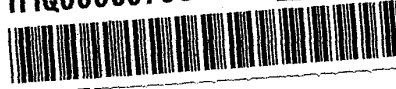
PURCHASING CERTIFICATION	Identify that this is a true copy of a license/permit issued to me to engage in the activity specified.	Mailing Address - CHANGES? You must notify the FELC at least 10 days before the chan	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
	<i>Wm. Leggett</i> (SIGNATURE OF LICENSEE/PERMITTEE)		

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.



TRANSPORT TFI 14, S.E.C.
TFIQ00009798 9

FILER CODE



Spreewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date: 10.06.2013
Customer-Nº: 165070
Our Ref.: Metzner
Phone: ++49-3546-28259
our VAT-Nº: DE 138 858 395

Konto Fibu 400020 KSt.-Nr. 811 KTr.-Nr.

Contract Nº: EX 4483 dated 12th March 2013
Period of Performance: June 2013

We have invoiced your order:

1	23.045 kgs	Torpex (Hexotonal)	0,01 €/kg	230,45
Merchandise-Nº: 36020000 Price: FAS Handling <i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>				

Net Value:	230,45
VAT:	0,00
Gross Value:	230,45

NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE

Broker notation:

$16,200 \times 0,01 = \$ 162,00 \text{ EUR}$

Shipper no: GAEA 025

PAPS # TFIQ ~~67777~~ 97989

Spreewerk Lübben GmbH
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach Erbv

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4 2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler		Ort und Datum Place and date Lübben, Juni 07, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No. MS "Anmare"		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer 	
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
emergency response phone: 0049-3546-280			
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 64 pallets = 64 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) - Torpex (Hexotonal)	Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0393
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Gross mass: 27.175 kgs Net explosive mass: 23.045 kgs	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: - - - Nur bei Stoffen der Klasse 1; - - Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; - - - Class 1 only.			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch Ort und Datum Place and date Lübben, Juni 07, 2013 Unterschrift für den Versender Signature on behalf of shipper 	
IMO_Hexotonal_ExploUSA_12062013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 53) 3 49 40, Hohendodeleuten (03 92 04) 54 47



Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME RDX
% by Weight 30-50%
Chemical Family Organic Nitro Compound
CHEMICAL NAME: 2,4,6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: % BY 118-96-7
WEIGHT: 40-50%
CHEMICAL NAME ALUMINUM
% By Weight 10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE % 0.057 Mpa, 178° F
VOLATILE, BY VOL: N/A



Page 2

VAPOR DENSITY: N/A
 EVAPORATION RATE: N/A
 SOLUBILITY IN WATER: Insoluble
 APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
 EXTINGUISHING MEDIA: None
 SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.
 STABILITY: Stable
 UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
 INCOMPATIBILITY: No Data Applicable
 AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZZARD DATA

EFFECTS OF OVER EXPOSURE:
 EYES: SKIN: Slightly Irritating Slightly
 INHALATION: Irritating TNT Is Toxic by
 INGESTION: Inhalation. TNT is Toxic by
 Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
 SKIN: Wash with soap and water
 INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
 INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

**Pipeline and
Hazardous Materials Safety
Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2005060122

PRODUCT DESIGNATION/PART NUMBER

ISL-Torpex (Hexotonal)

NOTES:

None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

Load 22

404548

P121055
rtn# 236755

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA024

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**

TO: Consignee: **Austin Powder**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

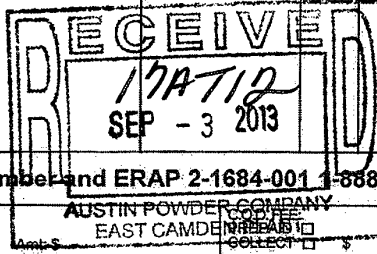
1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: 374088 Trailer Number: 5236639 Seal Number: 819764

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
564 plas buckets on 47 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 14,100 kgs (Comp. A-5) 31,084.86 lbs	Gwt: 41,446 Gwt: 18,800	41,446 lbs 18,800 kgs		
12 plas buckets on 2 plts	X	UN0483, Hexogen, Desensitized, 1.1D, PG II EX- 2009080198 Neq: 300 kgs 661.380 lbs	Gwt: 992 Gwt: 450	992 lbs 450 kgs		

Monica Kelly
Monica Kelly



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD **AUSTIN POWDER COMPANY EAST CAMDEN AR 71701**

Signature: *Monica Kelly*

TOTAL CHARGES \$ _____ FREIGHT CHARGES \$ _____

RECEIVED: subject to the classification and limits in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bills of lading terms and conditions in the governing classification on the date of shipment.

SHIPPER: _____ CARRIER: **Transport Nordique**

ER: *Monica Kelly* PER: *Lionel Dupage*

DATE: *Sept 1, 2013*

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER
nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Geisler	
Ladefahrer Port of loading Papenburg		Ort und Datum Place and date Lübben, Juni 07, 2013	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packen Signature on behalf of packer <i>[Signature]</i>	
(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Lösschiffen Port of discharge Grand Anse			
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtliche Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit			
Anzahl und Verp.-Art No. and kind of packages 337 pallets = 4.032 Bucket			
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) Hexogen			
Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0483			
Verpackungsgruppe Packing group			
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 134.450 kgs Net explosive mass: 100.800 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	
Eigenschaften/Proprietes Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Uninitialized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden, in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend, falls zutreffend; (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; *** Proprietäre/Trade names alone are not sufficient, if applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH, Mr. Tritsch	
IMO_Hexogen_Explo_USA_12062013.XLS		Ort und Datum Place and date Lübben, Juni 07, 2013	
		Unterschrift für den Versender Signature on behalf of shipper <i>[Signature]</i>	

Order No.: 299

07/04

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SPREWERK

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
Revision date: 19.05.2006
Date of first version: 19.05.2006

Cyclotrimethylentrinitramine

Material number RDX

Page: 1 of 5

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Commercial Product name: Cyclotrimethylentrinitramine

Use of the substance / preparation

explosive(s).

information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH

Street/POB-No.: Börnichen 99

State/city/postal code: D-15907 Lübben

Telephone: +49 (0)3546 / 28200

Telefax: +49 (0)3546 / 28270

Dept. responsible for information:

Herr Hertel

Telephone: +49 (0)3546 / 28259

Number for emergency calls:

+49 (0)3546 / 28200

2. Composition/information on ingredients

Chemical characterization (substance)

C3 H6 N6 O6

Hexogen, Perhydro-1,3,5-trinitro-1,3,5-triazine, RDX

CAS-Number: 121-82-4

EINECS-Number: 204-500-1

Additional information: Perhydro-1,3,5-trinitro-1,3,5-triazine

Phlegmatizer: Wax 4,5%, Graphite 1,0%

3. Hazard identification

Classification



Explosive

Toxic

R 2

Risk of explosion by shock, friction, fire or other sources of ignition.

R 25

Toxic if swallowed.

4. First aid measures

after inhalation: Provide fresh air. Seek medical attention.

after skin contact: After contact with skin, wash immediately with soap and plenty of water.

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

after swallowing: Induce vomiting.
Give affected person large quantities of water, better milk.
Seek medical attention.



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Page: 2 of 5

5. Fire fighting measures

Suitable extinguishing media: Do not extinguish fire: Danger of explosion
Particular protective equipment: Flame-retardant clothes
Additional information: Do not inhale vapours.

6. Accidental release measures

Personal precautions: Avoid generation of dust.
Methods for cleaning up / spillage removal: Collect mechanically. (Damping agent: Water)
Use only spark proof tools. Place in appropriate containers for disposal.

7. Handling and storage

Handling

Information for safe handling: Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
Keep away from sources of ignition and heat. Avoid open flames.
Precautions against fire and explosion: Use explosion-proof machinery, apparatus, suction equipment, appliances etc.
Keep away from open flames and other sources of ignition.
Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers: Keep locked up.
Keep away from open flames and other sources of ignition.
Information about storage in one common storage facility: Keep away from combustible material.
explosive(s): Keep away from inflammable substances.

Particular use(s)

Please note: VO Explosive(s).
Storage class: 1

8. Exposure controls / personal protection

Critical values of exposure

Additional information: OEL (= German AGW) 1,5 mg/m³

Limitation and monitoring of exposure

Handle open container with care.
Avoid generation of dust.
Avoid shock and friction.
Provide for sufficient ventilation and punctiform suction at critical points.
See also information in chapter 7, section storage.

Limitation and monitoring of exposure at workplace.

Respiratory protection: Dust mask
Hand protection: Protective gloves according to EN 374.
Glove material: rubber - Breakthrough time: >480 min.
The glove manufacturer's instructions must be observed concerning the penetrability and the wearing-out time.



Sprewerk

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in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006
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Date of first version: 19.05.2006**Cyclotrimethylentrinitramine**

Material number RDX

Page: 3 of 5

eye protection: Tightly sealed safety glasses according to EN 166.

General protection and hygiene measures:
Take off immediately all contaminated clothing
When using do not eat, drink or smoke.
Wash hands when done working with material; at breaks, lunch, shift changes, etc.
Avoid contact with skin and eyes.
Do not breathe dust.

9. Physical and chemical properties**Appearance**

Form: solid, powder or granulate
Colour: greyish
Odour: odourless

Safety relevant data**Important data concerning health- and environmental protection and safety thereto**

Melting point / melting range: 204 °C
Explosive properties: explosive
Density: at 20 °C: 1,82 g/cm³
Solubility in water: at 20 °C: 0,1 g/l

10. Stability and reactivity

Condition to avoid (hazardous reactions):

Risk of explosion by shock, friction, fire or other sources of ignition.

Materials to avoid:

explosive(s): Keep away from inflammable substances.

11. Toxicological information**Toxicological Tests:**

Acute toxicity: LD50 rat, oral: 100 mg/kg
after inhalation: Symptoms: headache, nausea, spasms
after swallowing: Toxic.
Symptoms: headache, nausea, spasms.
after skin contact: Irritant.
May cause sensitization by skin contact.
after eye contact: irritant

12. Ecological information**Ecotoxicological effects**

Water risk class: 1
Mild water pollutant

Additional ecological information

general information: Do not allow to enter ground soil, sewage or drains.

13. Disposal considerations**Product**

Waste key number: EU: 160403 (waste explosives)
Recommendation: Special waste. Dispose of waste according to applicable local, state, and federal regulations.



SPREWERK

SAFETY DATA SHEET

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Date of first version: 19.05.2006

Cyclotrimethylenetrinitramine

Material number RDX

Page: 4 of 5

Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

14. Transport information

Overland transport

Warning board:	ADR: Substance number 483
	RID: Kemmler-number 1.1D, Substance number 483
Description of goods:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE); HEXOGEN; RDX), DESENSITIZED
ADR/RID	Class 1, Code: 1.1D
Label	ADR: 1 / RID: 1 + 13
Limited quantities	LQ0
Contaminated packaging: Instructions	P112b - P112c
Special provisions for packing together	MP20

Transport by sea

UN number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE); HEXOGEN; RDX), DESENSITIZED
IMDG:	Class 1.1
Packing Group:	-
EmS number:	F-B, S-Y
Special provisions	-
Limited quantities	None
Contaminated packaging: Instructions	P112 (b) or (c)
Contaminated packaging: Provisions	-
IBC: Instructions	-
IBC: Provisions	-
Tank instructions: IMO	-
Tank instructions: UN	-
Tank Instructions Provisions	-
Stowage and segregation	Category 10
Properties and observations	Substance. Mass detonating explosive which will become more sensitive if the wetting or desensitizing agents are lost.

Air transport

UN/D number:	483
Proper shipping name:	UN 0483, CYCLOTRIMETHYLENETRINITRAMINE (CYCLONITE); HEXOGEN; RDX), DESENSITIZED
ICAO/IATA:	Class 1.1
Passenger Ltd.Qty.:	Y - - Maximum quantity: -
Passenger:	Maximum quantity: Forbidden
Cargo:	Maximum quantity: Forbidden
ERG	1L

15. Regulatory information

Classification

Code letter and hazard symbol:	E	Explosive
	T	Toxic
R phrase(s):	R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
	R 25	Toxic if swallowed.



S P R E E W E R K L Ü B B E N

SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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Cyclotrimethylentrinitramine

Material number RDX

Page: 5 of 5

S phrase(s):	S 16	Keep away from sources of ignition. No smoking.
	S 18	Handle open container with care.
	S 22	Do not breathe dust.
	S 33	Take precautionary measures against static discharges.
	S 44	If you feel unwell, seek medical advice (show the label where possible).

National regulations

National regulations Germany

Storage class: 1
Water risk class: 1
Mild water pollutant

National regulations USA



NFPA Hazard Rating:
- Health = 3 (Serious)
- Fire = 4 (Severe)
- Reactivity = 4 (Severe)

16. Other information

Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20580

Pipeline and Hazardous
Materials Safety Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by ESPLODENTI SABINO srl (CH), Localita Termini 1-66020, Casalbordino Stazione, Italy, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Cyclotrimethylenetrinitramine, desensitized or Cyclonite, desensitized or Hexogen, desensitized or RDX, desensitized, UN0483

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER
EX2009080198

PRODUCT DESIGNATION/PART NUMBER
Reclaimed Composition A5 (T4 or Hexogen)

NOTES: Packaging requirements are in 173.62c Table, Packaging Instruction 112(c) applies.

DATED: 12/03/2009

For Dr. Magdy El-Sibaie
Acting Associate Administrator for Hazardous Materials Safety

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 23

P121055
QIN # 236753

Shipper No. GAEA006

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:

Consignee: **Austin Powder**

FROM: Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

1-800-424-9300 (CHEMTREC)

City, State, Zip Code: **East Camden, AR 71701**

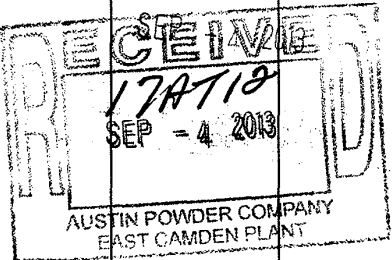
24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route:

Vehicle Number:

Trailer Number: **5236603**

Seal Number: **820686**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 18,000 kgs <i>39 682.8 lbs</i>	Gwt: Gwt:	42,011 19,056	lbs kgs	
		<i>Monica Kelly</i> <i>Monica Kelly</i>			DELIVERED SEP 04 2013	

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 380, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID
COLLECT \$
TOTAL CHARGES \$
FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under this contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:
PER: *Ch P Selge*

CARRIER: **Transport Nordique BEN & MARYSE**
NORDIQUE
PER: **# 374100 ©**
DATE:



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300(WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001
Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
 1702 Fourth Street
 Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by EXPLOSIA, Semtin 107, 530 50 Pardubice 2, Czech Republic the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2011060095

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES: None.

DATED: 09/23/2011

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

P121055
 # 236751

Load 24

STRAIGHT BILL OF LADING
 ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA017

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
 Consignee: **Austin Powder**

FROM:
 Shipper: **Paramount Enterprises International, Inc**

Street: **7-LC Blandy Road**

Street: **6700 Chemin de La Grand Anse**

City, State, Zip Code: **East Camden, AR 71701**

City, State, Zip Code: **Ville de La Baie, QC Canada**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: **5236743** Seal Number: **820697**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
384 f/b bxs on 16 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 9,600 kgs	Gwt: 22,568 Gwt: 10,237	22,568 kgs	lbs	
16 f/b bxs on 1 plt	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 400 kgs	Gwt: 957 Gwt: 434	957 kgs	lbs	
160 f/b bxs on 16 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 4,000 kgs	Gwt: 9,877 Gwt: 4,480	9,877 kgs	lbs	
10 f/b bxs on 1 plt	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Neq: 250 kgs	Gwt: 617 Gwt: 280	617 kgs	lbs	
31,415,550 lbs						

PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

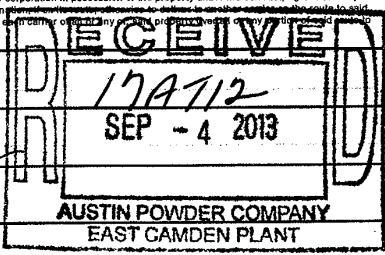
Note—(1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
 Signature: *Chas P Selzer*

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.
 (Signature of Consignor) _____
 C.O.D. FEE: PREPAID COLLECT \$ _____
 TOTAL CHARGES \$ _____
 FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and deemed as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agree to carry to its usual place of delivery at said destination, and to deliver to the consignee at the destination. It is mutually agreed as to destination.

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.



SHIPPER: _____
 PER: *Chas P Selzer*

CARRIER: **Transport Nordique**
 PER: *Valdy Moya*
 DATE: *02 sept 13*

IMO DANGEROUS GOODS DECLARATION

This form meets the requirements of SOLAS 1974, chapter VII, regulation 5
 MARPOL 73/78, Annex III, regulation 4 and the IMDG Code, General Introduction, section 9

Shipper STV GROUP a.s. Zitna 45 110 00 Prague 1 Czech Republic	Reference number's (container #) (Booking #)
---	--

Consignee EXPLO SYSTEMS Inc. 1600 Java Road LA 71055 Minden USA	3 Carrier Pol-Mare Sp. z o.o. sp.k. Partyzantów 35 81-623 Gdynia Poland
--	--

Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES	Name/status, company/organization of signatory STV GROUP a.s. Place and date Hajniště 3.6.2013 Signature on behalf of packer
---	--

Ship's name and voyage No. mv ANMARE v. 4076	Port of loading Gdynia
---	---------------------------

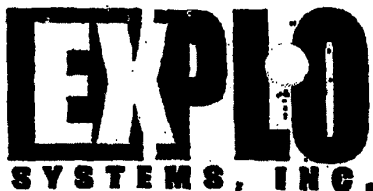
Port of discharge Grande Anse, Canada	(Reserved for text, instructions or other matter)
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Marks & Nos. If applicable identification or registration number(s) of the Unit.	Number and kind of packages, proper shipping name* IMO hazard class/division, UN number. Packaging group (where assigned)**, flashpoint (in C.c.c)** control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No. and MFAG Table No.***	Gross mass (kg) Net Quantity/ mass	Goods delivered as:
TNT (Trinitrotoluene)	12 000 boxes x 25 kg each, total 300 000 kg IMO /RID 1.1D UN 0209	Net weight : 300 000 kg Gross weight: 308 400 kg Gross weight with tara of pallets: 318 083 kg	<input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized Cargo <input type="checkbox"/> Bulk Packages Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)

*synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable:
 (1) the word "WASTE" should precede the name;
 (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added;
 (3) "LIMITED QUANTITY" should be added.
 ** When required in 9.3 of the General Introduction to the IMDG Code ***When required
The IMDG Code page number should not appear on this form.
ADDITIONAL INFORMATION (i.e. 24 hr emergency number)
 Pavel Konečný phone 00420 777 296 946

In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7, 1.9.7.2.9.9.1 and 9.10.1
DECLARATION

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s) and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. form IMO 1/1997	Name/status, company/organization of signatory Jan Děcký, Commercial Director / STV GROUP A.S. Place and date: Hajniště 6.3.2013 Signature on behalf of packer
--	---



EXPLO SYSTEMS, INC.

1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001
Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 178 ° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE: 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by EXPLOSIA, Semtin 107, 530 50 Pardubice 2, Czech Republic the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2011060095

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES: None.

DATED: 09/23/2011

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011060144

Page 1 of 1

Load 25

464540

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA010

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date: _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

PI 2 1055
grn # 236808

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

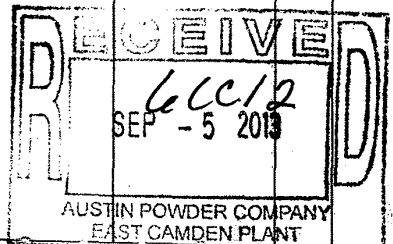
City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION: Proper Shipping Name, Hazard Class, UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2011060095 Net: 18,000 kgs 39682.8 lbs	Gwt: 42,011 Gwt: 19,056	lbs kgs		



[Signature]

TRANSPORT TFI 14, S.E.C.

TFIQ00009811 0

FILER CODE

TRANSPORT TFI 14, S.E.C.

TFIQ00009811 0

FILER CODE

TRANSPORT TFI 14, S.E.C.

TFIQ00009811 0

FILER CODE



PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provision. See NMFCA Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 340, Bills of Lading, Freight Bills and Statements of Charges and Section 4(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____
 Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

COD FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
 FREIGHT PREPAID Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (his word and seal) being obligated to transport the same to the usual place of delivery at said destination, if on the route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over any portion of said route to

classification and as to each party as any time interested in all or any said property, that every service to be performed hereunder shall be subject to the Bill of Lading terms and conditions as the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the coding terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his designees.

SHIPPER:

CARRIER: Transport Nordique

PER:

[Signature]

PER:

DATE:

SEAL # 820690 # 5236315

IMO DANGEROUS GOODS DECLARATION

This form meets the requirements of SOLAS 1974, chapter VII, regulation 9, MARPOL 73/78, Annex III, regulation 4 and the IMDG Code, General Introduction, section 9.

Shipper STV GROUP a.s. Zitna 45 110 00 Prague 1 Czech Republic	Reference number's (container #) (Booking #)
---	--

Consignee EXPLO SYSTEMS Inc. 1600 Java Road LA 71055 Minden USA	3 Carrier Pol-Mare Sp. z o.o. sp.k. Partyzantów 35 81-423 Gdynia Poland
--	--

Container packing certificate/vehicle declaration DECLARATION It is declared that the packing of the container/vehicle has been carried out in accordance with the General Introduction, IMDG Code, paragraph 12.3.7 or 17.7.7. <p style="text-align: center;">TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</p>	Name/status, company/organization of signatory STV GROUP a.s. Place and date Hajniště 3.6.2013 Signature on behalf of packer
--	--

Ship's name and voyage No. mv ANMARE v. 4076	Port of loading Gdynia
---	---------------------------

Part of discharge Grande Anse, Canada	(Reserved for text, instructions or other matter)
--	---

Marks & Nos. If applicable identification or registration number(s) of the Unit.	Number and kind of packages, proper shipping name* IMO hazard class/division, UN number, Packaging group (where assigned)**, flashpoint (in C.c.c)** control and emergency temperatures**, identification of the goods as MARINE POLLUTANT**, EmS No. and MFAG Table No.***	Gross mass (kg) Net Quantity/ mass	Goods delivered as:
TNT (Trinitrotoluene)	12 000 boxes x 25 kg each, total 300 000 kg		<input type="checkbox"/> Breakbulk cargo <input checked="" type="checkbox"/> Unitized Cargo <input type="checkbox"/> Bulk Packages
	IMO /RID 1.1D UN 0209	Net weight: 300 000 kg Gross weight: 308 400 kg Gross weight with tara of pallets: 318 083 kg	Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)

*synonyms should not be used. Proprietary/trade names alone are not sufficient. If applicable:
 (1) the word "WASTE" should precede the name;
 (2) "EMPTY UNCLEANED" or "RESIDUE-LAST CONTAINED" should be added;
 (3) "LIMITED QUANTITY" should be added.
 ** When required in 9.3 of the General Introduction to the IMDG Code. ***When required.
The IMDG Code page number should not appear on this form.
ADDITIONAL INFORMATION (i.e. 24 hr emergency number)
 Pavel Konečný phone 00420 777 296 946

In certain circumstances special information/certificates are required, see IMDG Code, General Introduction, paragraphs 9.7, 15.7, 2.9.9.1 and 6.10.1 DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s) and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. Form IMO 1/1997	Name/status, company/organization of signatory Jan Děcký, Commercial Director / STV GROUP A.S. Place and date: Hajniště 6.3.2013 Signature on behalf of packer
---	---



EXPLO SYSTEMS, INC.

1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300(WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable**
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.**



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by EXPLOSIA, Semtin 107, 530 50 Pardubice 2, Czech Republic the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2011060095

PRODUCT DESIGNATION/PART NUMBER

Trinitrotoluene

NOTES: None.

DATED: 09/23/2011

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2011060144

Page 1 of 1

Load 1

403388

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA007

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820591**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Neq: 17,885 kgs 39,429 lbs		Gwt: 42,670 lbs Gwt: 19,355 kgs		
		<p>12965</p> <p>Plt 21055 Grn # 231756</p>				
		<p><i>Monica Kelly</i> <i>Monica Kelly 05/06/13</i></p> <p>POC: Monica or Roger 870-574-0580</p>		<p>RECEIVED <i>6602</i> MAY - 6 2013 AUSTIN POWDER COMPANY</p>		

TRANSPORT TFI 14, S.E.C.

TFIQ00009711 2

FILER CODE

TRANSPORT TFI 14, S.E.C.

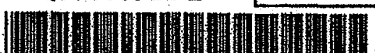
TFIQ00009711 2

FILER CODE

TRANSPORT TFI 14, S.E.C.

TFIQ00009711 2

FILER CODE



PLACARDS TENDERED: YES NO

Note: (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the amount provided by such provisions. See TARP Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(a) of the Contract Terms, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this assignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Monica Kelly Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignee, the consignee shall sign the following statement:
 The carrier shall not make delivery of this shipment without payment of freight and of other lawful charges.

Monica Kelly (Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
 FREIGHT PREPAID Check box if charges are to be added COLLECT

RECEIVED, subject to the stipulations and in lieu of all at the date of issue of this Bill of Lading, the property described above is received in good order, except as noted in remarks and quantities of contents of packages (contents), marked, numbered, and described as indicated above which said number shall remain unchanged throughout this contract as meaning any person or corporation in possession of the property under the contract agrees to carry to its usual place of delivery at said destination, if on its route, subsequent to delivery to carrier or carrier on the route to said destination, it is mutually agreed on to each carrier of all or any of, said property over all or any portion of said route to destination and to be each party of any loss interested in all or any said property, that every carrier to be performed hereunder shall be subject to all the Bill of Lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his agents.

SHIPPER: _____ CARRIER: **Transport Nordique**

PER: *Monica Kelly* PER: _____

DATE: _____

ENTERED
5/8/13
MKC

TRC 30103

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 318-882-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd, Serbia
 Delivery time : until end of February
 Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
 Payment Term : Advance by bank transfer



SLTW 010015
SECURED LAND TRANSPORT

ARYUM
 Arzum Makina Kimya ve Ticaret Limited Sirketi
 A. R. Saritas

Broker notation

18.000 kg = 18 ton x \$ 1500.00 = \$ 27.000.00 EUR

Arzum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Şeref Yazgan İş Merkezi No: 72/14 34738 Kozyatağı - İstanbul / Türkiye
Tef: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shippers No: GAEA 025

PAP: SLTW010015



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001
Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F
VAPOR PRESSURE: 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
 1702 Fourth Street
 Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATABILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.

INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Prva Iskra Namenska AD, Baricka reka bb, 11 504 Baric, Srbija, Serbia the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2012091525

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 11/09/2012

Magdy El-Sibaie

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2012090596

Page 1 of 1

TIC 2013
TRC 30107

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 518-882-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UNI approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010015
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Şirketi
A. R. Sarıbaş

Broker notation

18.000 kg = 18-ton x \$ 1500.00 = \$ 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Şirketi

Atatürk Caddesi Şeref Yazgan İş Merkezi No: 72/14: 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shippers No: GAE A 025

PAP: SLTW010015


TK 2911
 Y 21 36107

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5; MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia	Reference number(s) Sp.13038TC
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Name/status, company/organization of signatory Prva Iskra - Namenska a.d. Place and date Belgrade, 10,11,12 April 2013 Signature on behalf of packer According attached Multimodal Dangerous Goods Form
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK
Port of discharge GRANDE ANSE, Canada	Instructions or other matter

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg 8000 cardboard boxes on 267 wooden pallets EMS F-B, S-Y	Gross mass (kg), net quantity/mass** Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> Type of unit (container, trailer, tank vehicle, etc.) <input type="checkbox"/> Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
--	--

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k. Place and date Gdansk, 16 April 2013 Signature on behalf of shipper  POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia ul. Partyzantów 35, 81-423 Gdynia ul. Partyzantów 35, 81-423 Gdynia
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TK 2411
JDL 30183



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3352 Fax: 1-304-516-4401	LICENSE/PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME: EXPLO SYSTEMS INC
 Premises Address: CHANGES? You must notify the FELC at least 10 days before the change.
 1600 JAVA RD
 MINDEN, LA 71055

TYPE OF LICENSE OR PERMIT
23-IMPORTER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)
Christopher R. Reeves
Christopher R. Reeves

PURCHASING CERTIFICATION:
 I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.

Wm. Jay Wight
 (SIGNATURE OF LICENSEE/PERMITTEE)

Mailing Address: CHANGES? You must notify the FELC at least 10 days before the change.
 EXPLO SYSTEMS INC
 1600 JAVA RD
 MINDEN, LA 71055

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

TK 2111
 42 30107

IMO DANGEROUS GOODS DECLARATION

This form meets the requirements of SOLAS 74 chapter VII, regulation 5
 MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.8 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia		1	Reference number(s) Sp.13038TC	2
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		3	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland	4
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		Name/status, company/organization of signatory Prva Iskra - Namenska a.d.		
		Place and date Belgrade, 10,11,12 April 2013		
		Signature on behalf of packer According attached Multimodal Dangerous Goods Form		
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	8	Instructions or other matter	7
Port of discharge GRANDE ANSE, Canada		8		

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg 8000 cardboard boxes on 267 wooden pallets EMS F-B, S-Y		Gross mass (kg.), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> of unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	9
--	--	---------------------------------------	--	---

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k.		11
	Place and date Gdansk, 16 April 2013		
	Signature on behalf of shipper POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia NIP: 525-200-10-00 KRS: 0000262274 REGON: 1417291 REGON: 1417291		

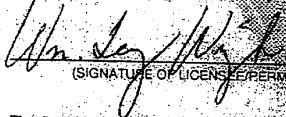
FK 2411
TEL 30103



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-263-9359, Fax: 1-304-616-4461	LICENSE PERMIT NUMBER EXPIRATION DATE	6-LA-119-23-4A-00059 January 1, 2014
NAME	EXPLO SYSTEMS INC Premises Address CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055		
TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES		
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	Christopher R. Reeves Christopher R. Reeves		
PURCHASING CERTIFICATION	I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	Mailing Address CHANGES? You must notify the FELC at least 10 days before the chan	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
 (SIGNATURE OF LICENSEE/PERMITTEE)	The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.		

ATF F 5400.14/5400.15, Part 1 (8/89)

TIC 2017
TRL 30107

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 318-882-5700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010015
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. Sahas

Broker notation

18.000 kg = 18 ton x \$ 1500.00 = \$ 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Gaddesi Seret Yazgan İş Merkezi No: 72/14; 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shippers No: GAEA 025

PAP: SLTW010015

TK 2411
TOL 30103



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-263-3352 Fax: 1-304-616-4401	ISSUANCE NUMBER 6-LA-119-23-4A-00659
NAME	EXPLO SYSTEMS INC	EXPIRATION DATE January 1, 2014
TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES	Premises Address: CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves	
PURCHASING CERTIFICATION	I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
	<i>Wm Jay Wright</i> (SIGNATURE OF LICENSEE/PERMITTEE)	
The licensee/permittee named herein shall use a reproduction of the license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.		

ATF F 5400.14/5400.15, Part 1 (8/89)

From:

05/04/2013 16:27

#926 P.002/004

ACE Electronic Manifest - Cover Sheet

2911

Page 1 of 1



SLTW0063591

TRIP NUMBER: SLTW0063591

DRIVER'S NAME: STEVEN ROBERTS

CONVEYANCE PLATE(S): US OK 2RK997

MANIFEST SUBMITTED: 05/04/2013 18:46:00

MANIFEST PREPARED: Portal

SCN: SLTW010015

TYPE: PAPS

336 14550788

Ace Dan

CHAMPEL DOE
 INTERSTATE ACTION: SPAIN
 ROUSS/ENTREPOT AUX DOUANE
 VACLS
 BROKER
 PLAT INSPECTION/VPOE OFFICER VIANDE
 CBF AGRICULTURE

From:

05/04/2013 16:27

#926 P.002/004

ACE Electronic Manifest - Cover Sheet

2911

Page 1 of 1



ace secure data portal U.S. Customs and Border Protection
ACE Electronic Manifest - Cover Sheet



SLTW0063591

TRIP NUMBER: SLTW0063591

DRIVER'S NAME: STEVEN ROBERTS

CONVEYANCE PLATE(S): US OK 2RK997

MANIFEST SUBMITTED: 05/04/2013 18:46:00

MANIFEST PREPARED: Portal

SCN: SLTW010015

TYPE: PAPS

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA025

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **7-LC Blandy Road**

Street: **6700 Chemin de La Grand Anse**

City, State, Zip Code: **East Camden, AR 71701**

City, State, Zip Code: **Ville de La Baie, QC Canada**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820609**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Neq: 18,000 kgs	Gwt: 42,646 Gwt: 19,344	lbs kgs		



SLTW 010015
SECURED LAND TRANSPORT

<p>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></p> <p><small>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</small></p>	<p style="text-align: center;">24 Hr Number and ERAP 2-1684-001 1-888-922-3330</p> <p>COD Amt: \$ _____</p> <p><small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small></p> <p style="text-align: center;"><i>[Signature]</i> <small>(Signature of Consignor)</small></p>
	<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____</p> <p>TOTAL CHARGES \$ _____</p> <p style="text-align: center;">FREIGHT CHARGES</p> <p>FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect except when box at right is checked <input type="checkbox"/> are to be collect</p>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: SLT (Secured Land Transport)
PER: <i>[Signature]</i>	PER: _____
	DATE: _____

10/2013
TRL 30107

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 318-882-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010015
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. R. Saritas

Broker notation

18,000 kg = 18-ton x \$ 1500,00 = \$ 27,000,00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Şeref Yazgan İş Merkezi No: 72/14: 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shippers No: GA EA 025

PAP: SLTW010015

TK: 2411

101 30103



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-293-3382 Fax: 1-304-616-4401	LICENSE/ PERMIT NUMBER 5-LA-119-23-4A-00059
		EXPIRATION DATE January 1, 2014

NAME EXPLO SYSTEMS INC	Premises Address. CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055
----------------------------------	---

TYPE OF LICENSE OR PERMIT
23-IMPORTER OF HIGH EXPLOSIVES

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)
Christopher R. Reeves
 Christopher R. Reeves

PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified. <i>Wm. Jay Myrtle</i> (SIGNATURE OF LICENSEE/PERMITTEE)	Mailing Address. CHANGES? You must notify the FELC at least 10 days before the chan EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
--	---

The licensee/permittee named herein shall use a reproduction of the license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)

TRUCK #643
TRAILER #70167

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Load 3
Shipper No. GAEA026

Page 1 of 1

SLT (Secured Land Transport)

Carrier No. _____
Date _____

(Name of carrier)

TO:
Consignee: Austin Powder

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 7-LC Blandy Road

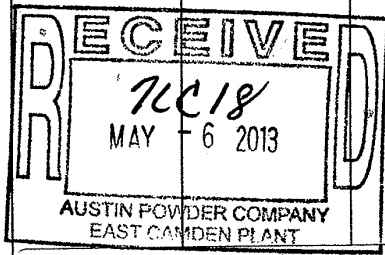
Street: 6700 Chemin de La Grand Anse

City, State, Zip Code: East Camden, AR 71701

City, State, Zip Code: Ville de La Baie, QC Canada
1-800-424-9300 (CHEMTREC)
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820610**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxes on 24 plts	X	<p>P 121055 qrn# 231783</p> <p>UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Net: 18,000 kgs 39683 lbs</p> <p><i>Monica Kelly</i> <i>Monica Kelly 5/06/13</i></p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Monica Kelly Signature

COD Amt: \$ _____
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: SLT (Secured Land Transport)
PER: *Monica Kelly* PER: *Monica Kelly* **RECEIVED 05/08/13**
DATE: 05/04/13 *mk*

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA026

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

Date _____

(Name of carrier)

TO:
 Consignee: **Austin Powder**
 Street: **7-LC Blandy Road**
 City, State, Zip Code: **East Camden, AR 71701**

FROM:
 Shipper: **Paramount Enterprises International, Inc**
 Street: **6700 Chemin de La Grand Anse**
 City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820610**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxes on 24 plts	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Neq: 18,000 kgs	Gwt: 42,646 Gwt: 19,344	lbs kgs		



SLTW 010016
SECURED LAND TRANSPORT

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

(Signature of Consignor)

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
<small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>	
TOTAL CHARGES \$ _____	
FREIGHT CHARGES	
<small>FREIGHT PREPAID except when box at right is checked</small>	<small>Check box if charges are to be collect</small> <input type="checkbox"/>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the ward carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification and the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: SLT (Secured Land Transport)
PER:	PER:
	DATE: 05/04/13

ACE Electronic Manifest - Cover Sheet

Page 1 of 1



SLTW0063588

TRIP NUMBER: SLTW0063588

DRIVER'S NAME: TARA DILLON

CONVEYANCE PLATE(S): US OK 2SY722

MANIFEST SUBMITTED: 05/04/2013 17:48:09

MANIFEST PREPARED: Portal

SCN: SLTW010016
TYPE: PAPS

643

Truck # 643
TRAILER # 70167

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 518-382-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010016
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. R. Saritas

Broker notation
18.000 kg = 18 tons x 1500.00 = 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Ataförk Gaddasi Seref Yazgan lg Merkezi No: 72/14; 34736 Kozyatağı - Istanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GAEA 026

PAPS: SLTW0100161

TRUCK # 643
TRAILER # 70167

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 318-382-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia

Delivery time : until end of february

Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UNI approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg

Payment Term : Advance by bank transfer



SLTW 010016
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. R. Saritas

Broker notation

18.000 kg = 18 tons x 1500,00 = 27.000,00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Şeref Yazgan İş Merkezi No: 72/14; 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GAEA 026

PAPS: SLTW0100161

PRO#0063588
Truck#643 JAMES DILLON
TRAILER#70167

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P: 318-382-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd, Serbia
Delivery time : until end of february
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010016
SECURED LAND TRANSPORT

ARYUM
Aryum Makina Kimya ve Ticaret Limited Sirketi
A. Ramaz

Broker notation

18.000 kg = 18 tons x 1.500,00 = 27.000,00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Seret Yazgan Is Merkezi No: 72/14: 34736 Kozyatağı - Istanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GAEA 026

PAPS: SLTW0100161

TRUCK # 643

TRAILER # 70167

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5, MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia		1	Reference number(s) Sp.13038TC	2
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		3	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland	4
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		Name/status, company/organization of signatory Prva Iskra - Namenska a.d.		5
		Place and date Belgrade, 10,11,12 April 2013		
		Signature on behalf of packer According attached Multimodal Dangerous Goods Form		
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	6	Instructions or other matter	7
Port of discharge GRANDE ANSE, Canada		8		

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg 8000 cardboard boxes on 267 wooden pallets EMS F-B, S-Y		Gross mass (kg), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> Is of unit (container, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	9
--	--	--------------------------------------	--	---

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.		Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k.		10
		Place and date Gdansk, 16 April 2013		
		Signature on behalf of shipper POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland tel. 58 667 88 00 fax 58 667 88 01 www.polmare.com.pl		11

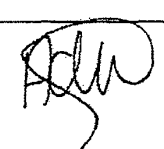
TRAILER # 70167

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5; MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia		1	Reference number(s) Sp.13038TC	2
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		3	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland	4
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		Name/status, company/organization of signatory Prva Iskra - Namenska a.d.		5
		Place and date Belgrade, 10,11,12 April 2013		
		Signature on behalf of packer According attached Multimodal Dangerous Goods Form		
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	6	Instructions or other matter	
Port of discharge GRANDE ANSE, Canada		8		

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg 8000 cardboard boxes on 267 wooden pallets EMS F-B, S-Y		Gross mass (kg.), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> In unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	9
--	--	---------------------------------------	--	---

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k.		10
	Place and date Gdansk, 16 April 2013		11
	Signature on behalf of shipper  POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland NIP: 525-240-10-11 REGON: 1416851 KRS: 0000262210		

TRAILER # 70167

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5;
MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

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Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA		Name/status, company/organization of signatory Prva Iskra - Namenska a.d.		
		Place and date Belgrade, 10,11,12 April 2013		
		Signature on behalf of packer According attached Multimodal Dangerous Goods Form		
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	5	Instructions or other matter	
Port of discharge GRANDE ANSE, Canada	6	7		

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg 8000 cardboard boxes on 267 wooden pallets EMS F-B, S-Y		Gross mass (kg), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> of unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	9
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	Place and date Gdansk, 16 April 2013		11
	Signature on behalf of shipper POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia NIP: 525-200-10-10 REGON: 141683811 KRS: 0000438229		

TRUCK#643
TRAILER# 70167



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-263-2852 Fax: 1-304-616-4401	EXPLOSIVE PERMIT NUMBER 5-LA-119-23-4A-00059	EXPIRATION DATE January 1, 2014
NAME	EXPLO SYSTEMS INC	Premises Address (CHANGES? You must notify the FELC at least 10 days before the mo) 1600 JAVA RD MINDEN, LA 71055	
TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES		
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves		
PURCHASING CERTIFICATION	Mailing Address (CHANGES? You must notify the FELC at least 10 days before the chan)		
I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055		
<i>Wm Jay Mc...</i> (SIGNATURE OF LICENSEE/PERMITTEE)			
The licensee/permittee, named herein shall use a reproduction of the license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR 241.575. The signature on each reproduction must be an ORIGINAL signature.			

ATF F 5400.14/5400.15, Part 1 (8/89)

TRUCK#643
TRAILER# 70167

JAMES WILSON
70048
PRO#0063588




DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-9952, Fax: 1-304-616-4401	LICENSE/PERMIT NUMBER	5-LA-119-23-4A-00059
NAME	EXPLO SYSTEMS INC	EXPIRATION DATE	January 1, 2014
TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES	Premises Address, CHANGES? You must notify the FELC at least 10 days before the chan	1600 JAVA RD MINDEN, LA 71055
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves	Purchasing Certification	Mailing Address, CHANGES? You must notify the FELC at least 10 days before the chan
PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.		EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055	
<i>Wm. Jay May Jr.</i> (SIGNATURE OF LICENSEE/PERMITTEE)			
The licensee/permittee, named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.			

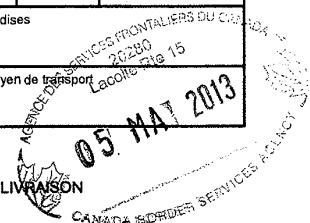
ATF F 5400.14/5400.15, Part 1 (8/89)

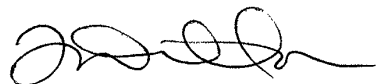
 Canada Border Services Agency Agence des services frontaliers du Canada		Acquittal No. - N° de l'acquittement				
IN BOND EN DOUANE CARGO CONTROL DOCUMENT DOCUMENT DE CONTRÔLE DU FRET		 214U 00804 Secured Land Transport				
U.S. port of exit - Bureau de sortie des É.U.	In transit - En transit					
Manifest from - Manifeste de Grande Anse 301	To - À Lacolle 351					
Consignee name and address - Nom et adresse du destinataire Explo Systems 1600 Java Road Minden, LA 71055		Previous Cargo Control No. - N° de contrôle du fret antérieur 9138GD404202				
Shipper name and address - Nom et adresse de l'expéditeur PRVA Iskra Namenska 11504 Baric Belgrade Republic of Serbia						
No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances Avances	Prepaid Port payé	Collect Port dû
720 f/b bxs on 24 plts	UN0209, Trinitrotoluene (TNT) Class 1.1D PGII Neq: 18,000 kgs Seal 820610	Gwt: 19,344 kgs				
Foreign point of landing - Port de chargement étranger		Location of goods - Emplacement des marchandises Grande Anse 301				
Name of carrier - Nom du transporteur SLT Secured Land Transport		Conveyance identification - Identification du moyen de transport GAEA026				

ABA(B) (05)

To be delivered by Consignee to Customs
À remettre à la douane par le destinataire

CUSTOMS DELIVERY AUTHORITY COPY - EXEMPLAIRE DE L'AUTORISATION DOUANIÈRE DE LIVRAISON




 TRK#643 TAG# 254 722 OK,
 JRL# 70167 TAG# 4086 GL OK,



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001

Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F
DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

Pipeline and Hazardous Materials Safety Administration **The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Prva Iskra Namenska AD, Baricka reka bb, 11 504 Baric, Srbija, Serbia the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2012091525

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 11/09/2012

Approved by [Signature]

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2012090596

Page 1 of 1



Spreewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date:	10.04.2013
Customer-N°:	165070
Owr Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4451 dated 11th December 2012
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
Merchandise-N°: 36020000 Price: FAS Handling <i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE

Booker notation:
see attached letter

150.380 kg = 331,528 lbs

$331,528 \times 1.15/1b = 381,257.20$

9 trucks

$17,885 \text{ kg} = 39429 \text{ lbs} \times 1.15/1b = 45,343.35$

Shipper No: GAEA013



SLTW 010013
SECURED LAND TRANSPORT

Spreewerk Lübben GmbH
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach EfoV

PAPS: SLTW 010013

nach §8 GGVSee (IMO-ERKLÄRUNG)
TRANSPORT DOCUMENT FOR DANGEROUS GOODS
(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 16907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container/Fahrzeug-Nr.: Container/Vehicle-Nr.: Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Dusi	
Schiffsname und Nummer der Reise Ship's name and voyage No. MS "Anmare"		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge Grand Anse		Ort und Datum Place and date Lübben, April 10, 2013	
Unterschrift für den Packeur Signature on behalf of packer <i>Haus-Jif J-a</i>		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos., if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 412 pallets = 412 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) * Torpex (Hexotonal)
		Klasse/Unterklasse nach IMO IMO-Class 1.1 D	UN-Nr. UN-No. UN 0393
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse * Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 162.740 kgs Net explosive mass: 150.380 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **
		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1. ** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakardiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH Ort und Datum Place and date Lübben, April 10, 2013 Unterschrift für den Versender Signature on behalf of shipper <i>ma. J</i>	
IMO_Hexotonal_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hain (0 51 51 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 43) 3 49 40, Höherndodeleben (03 92 04) 54 47

 Canada Border Services Agency Agence des services frontaliers du Canada		Acquittal No. - N° de l'acquittement															
IN BOND EN DOUANE CARGO CONTROL DOCUMENT DOCUMENT DE CONTRÔLE DU FRET		 214U 00801 Secured Land Transport															
U.S. port of exit - Bureau de sortie des E.U.	In transit - En transit																
Manifest from - Manifeste de	To - À	Previous Cargo Control No. - N° de contrôle du fret antérieur 9138PA404201															
Grande Anse 301	Lacolle 351																
Consignee name and address - Nom et adresse du destinataire Explo Systems Inc. 1702 Fourth Street Minden, LA 71055		<table border="1"> <thead> <tr> <th>No. of pkgs. Nombre de colis</th> <th>Description and marks Désignation et marques</th> <th>Weight Poids</th> <th>Rate Taux</th> <th>Advances Avances</th> <th>Prepaid Port payé</th> <th>Collect Port dû</th> </tr> </thead> <tbody> <tr> <td>49 f/b bxs on 49 plts</td> <td>UN0393, Hexotonal (Torpex) Class 1.1D PGI Neq: 17,885 kgs Seal 820597</td> <td>Gwt: 19,355 kgs</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances Avances	Prepaid Port payé	Collect Port dû	49 f/b bxs on 49 plts	UN0393, Hexotonal (Torpex) Class 1.1D PGI Neq: 17,885 kgs Seal 820597	Gwt: 19,355 kgs				
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49 f/b bxs on 49 plts	UN0393, Hexotonal (Torpex) Class 1.1D PGI Neq: 17,885 kgs Seal 820597	Gwt: 19,355 kgs															
Shipper name and address - Nom et adresse de l'expéditeur Spreewerk Lubben Bornichen 99 DE-15907 Lubben																	
Foreign point of landing - Port de chargement étranger		Location of goods - Emplacement des marchandises Grande Anse 301															
Name of carrier - Nom du transporteur SLT Secured Land Transport GAEA013		Conveyance Identification - Identification du moyen de transport															

A8A(B) (05)

To be delivered by Consignee to Customs
 À remettre à la douane par le destinataire

CUSTOMS DELIVERY AUTHORITY COPY - EXEMPLAIRE DE L'AUTORISATION DOUANIÈRE DE LIVRAISON

TRK 2902 2QU601 (OK)
 TRL 20281 2235825T (FL)

ACE Electronic Manifest - Cover Sheet

2902

Page 1 of 1



SLTW0063590

TRIP NUMBER: SLTW0063590

DRIVER'S NAME: david prenzlin

CONVEYANCE PLATE(S): US OK 2QU601

MANIFEST SUBMITTED: 05/03/2013 16:16:45

MANIFEST PREPARED: Portal

SCN: SLTW010013

TYPE: PAPS

* NEEDS THIS TYPED.

Deliver Authorized
MAY 03 2013
Champlain, NY
57292



Spreewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date: 10.04.2013
Customer-Nº: 165070
Our Ref.: Metzner
Phone: ++49-3546-28259
our VAT-Nº: DE 138 858 395

Konto Fibu 400020 KSt.-Nr. 811 KTr.-Nr.

Contract Nº: EX 4451 dated 11th December 2012
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
Merchandise-Nº: 36020000 Price: FAS Handling <i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE

Broker notation:
See attached letter

150.380 kg = 331,528 lbs
331,528 x 1.15/lb = 381,257.20 +
9 trucks

17,885 kg = 39429 lbs x 1.15/lb = 45,343.35

Shipper No: GAEA013



SLTW 010013
SECURED LAND TRANSPORT

Spreewerk Lübben GmbH
Sitz: Börnichen 99, 15907 Lübben - Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 - Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com - Internet: www.spreewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Cert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 - Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 650 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Oresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach Efbv

PAPS: SLTW 010013



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3359, Fax: 1-304-616-4401	LICENSE PERMIT NUMBER 5-LA-119-23-4A-00059
		EXPIRATION DATE January 1, 2014
NAME EXPLO SYSTEMS INC	Premises Address: CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055	
TYPE OF LICENSE OR PERMIT 23-IMPORTER OF HIGH EXPLOSIVES		
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves	
PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified. <i>Wm Jay White</i> (SIGNATURE OF LICENSEE/PERMITTEE)	Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055	
The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transfer of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR PART 555. The signature on each reproduction must be an ORIGINAL signature.		

ATF F 5400.14/5400.15, Part 1 (8/89)

BEFÖRDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreerwerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreerwerk Lübben, Mr. Dusi	
		Ort und Datum Place and date Lübben, April 10, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading MS "Anmare" Papenburg	
Löschhafen Port of discharge Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 412 pallets = 412 fibre cartons	
		Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) * Torpex (Hexotonal)	
		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0398	
		UN-Nr. UN-No. UN 0398	
		Verpackungsgruppe Packing group	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse * Net quantity/volume/mass *** Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 162.740 kgs Net explosive mass: 150.380 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	
		Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Uninitialized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1. * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only.		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreerwerk Lübben GmbH Ort und Datum Place and date Lübben, April 10, 2013 Unterschrift für den Versender Signature on behalf of shipper	
IMO_Hexotonal_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 43) 3 49 40, Hohenfodelen (03 92 04) 54 47

EXPLO

SYSTEMS. INC.

Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME RDX
% by Weight 30-50%
Chemical Family Organic Nitro Compound
CHEMICAL NAME: 2,4,6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: % BY 118-96-7
WEIGHT: 40-50%
CHEMICAL NAME ALUMINUM
% By Weight 10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE % 0.057 Mpa, 178° F
VOLATILE, BY VOL: N/A



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2005060122

PRODUCT DESIGNATION/PART NUMBER

ISL-Torpex (Hexotonal)

NOTES:

None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

TRK 2702
TRL-20313



SPREWERK

Spreewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date:	10.04.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4451 dated 11th December 2012
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
Merchandise-N°: 36020000 Price: FAS Handling		
<i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

NO ACCOUNTING
ONLY FOR CUSTOMS PURP.



SLTW 010014
SECURED LAND TRANSPORT

Broker notation:

See attached letter

150380 kg = 331,528 lbs

331,528 x 1.15/lb = 381,257.20 total

9 trucks

17,885 kg = 39429 lbs x 1.15/lb = 45,343.35

Shipper NO: GAEA014

Spreewerk Lübben GmbH
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Cert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach EfbV

PAPS; SLTW010014

BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Spreewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben, Mr. Dusi		Ort und Datum Place and date Lübben, April 10, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge MS "Anmare" Grand Anse		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 412 pallets = 412 fibre cartons	
Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) * Torpex (Hexotonal)		Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0393	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse · Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 162.740 kgs Net explosive mass: 150.380 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages		Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; • Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE – LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Spreewerk Lübben GmbH Ort und Datum Place and date Lübben, April 10, 2013 Unterschrift für den Versender Signature on behalf of shipper	
IMO_Hexotonal_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 88 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 33) 3 49 40, Hohendingen (03 92 04) 54 47

IKR 2700
FRL 70313



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3352, Fax: 1-504-615-4401	LICENSE/PERMIT NUMBER:	5-LA-119-23-4A-00059
		EXPIRATION DATE:	January 1, 2014

NAME: **EXPLO SYSTEMS INC**

Premises Address: CHANGES? You must notify the FELC at least 10 days before the mo
1600 JAVA RD
MINDEN, LA 71055

TYPE OF LICENSE OR PERMIT: **23-IMPORTER OF HIGH EXPLOSIVES**

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC): *Christopher R. Reeves*
Christopher R. Reeves

PURCHASING CERTIFICATION: I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.

Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan
EXPLO SYSTEMS INC
1600 JAVA RD
MINDEN, LA 71055

Wm. Jay Wink
(SIGNATURE OF LICENSEE/PERMITTEE)

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)

Load 6

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA010

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: **Paramount Enterprises International, Inc**

TO: Consignee: **Austin Powder CO.**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

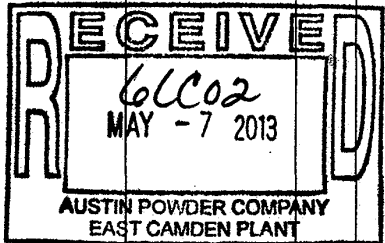
City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: 5232148 Seal Number: 820594

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p><i>p121055</i> <i>qrn # 231762</i></p> <p>UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Net: 17,885 kgs <i>39429 lbs</i></p> <p><i>Monica Kelly</i> <i>Monica Kelly 5/07/13</i> POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		



DELIVERED MAY 07 2013

PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES
FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route.

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

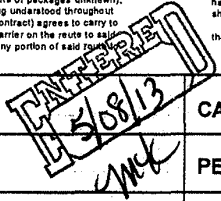
SHIPPER: _____

PER: *Chas P Selge*

CARRIER: **Transport Nordique** 6005395

PER: **BEN & MARYSE NORDIQUE**

DATE: **# 374100**



STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 7

Shipper No. GAEA008

Page 1 of 1

TRANSPORT NORDIQUE

Carrier No. _____

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **7-LC Blandy Road**

Street: **6700 Chemin de La Grand Anse**

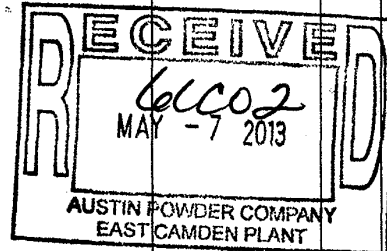
City, State, Zip Code: **East Camden, AR 71701**

City, State, Zip Code: **Ville de La Baie, QC Canada**
1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820592**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p style="font-size: 1.5em; font-family: cursive; margin: 0;">P121055 GRN # 231765</p> <p>UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Netq: 17,885 kgs 39,429 lbs</p> <p style="font-size: 1.2em; font-family: cursive; margin: 0;">Monica Kelly Monica Kelly 05/07/13 POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(s) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____	C.O.D. FEE PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
<small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>	
TOTAL CHARGES \$ _____	
FREIGHT CHARGES	
FREIGHT PREPAID except when box at right is checked <input type="checkbox"/>	Check box if charges are to be collect <input type="checkbox"/>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if in its route, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route.

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

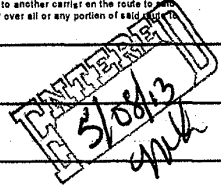
SHIPPER:

CARRIER: **Transport Nordique**

PER: *Chas P Selge*

PER: *[Signature]*

DATE: **05 mai '13**



BEFÖRDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Dusi		Ort und Datum Place and date Lübben, April 10, 2013	
Schiffname und Nummer der Reise Ship's name and voyage No. MS "Anmare" Papanburg		Unterschrift für den Packen Signature on behalf of packer <i>Haus-Jir J...</i>	
Ladehafen Port of loading Papenburg		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Löschhafen Port of discharge Grand Anse		emergency response phone: 0049 3546 280	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit	Anzahl und Verp.-Art No. and kind of packages 412 pallets = 412 fibre cartons	Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) Torpex (Hexotonal)	Klasse/Unterklasse nach IMO IMO-Class 1.1 D UN 0393
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 162.740 kgs Net explosive mass: 150.380 kgs	Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaft/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; • Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations. IMO_Hexotonal_ExploUSA_10042013.XLS		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH Ort und Datum Place and date Lübben, April 10, 2013 Unterschrift für den Versender Signature on behalf of shipper <i>ma. J...</i>	

Order No.: 299

07/04

Formularvariag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 34) 3 49 40, Hohenadelerben (03 92 04) 54 47

EXPLO

SYSTEMS. INC.

Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	RDX
% by Weight	30-50%
Chemical Family	Organic Nitro Compound
CHEMICAL NAME:	2,4,6-TRINITROTOLUENE
COMMON NAME:	TNT
CHEMICAL FAMILY:	Organic Nitro Compound
CAS NO.: % BY	118-96-7
WEIGHT:	40-50%
CHEMICAL NAME	ALUMINUM
% By Weight	10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:	176° F	DENSITY:	1.66 g/cm ³
VAPOR PRESSURE %		0.057 Mpa, 178° F	
VOLATILE, BY VOL:		N/A	



Page 2

VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:

EYES: SKIN: Slightly Irritating Slightly
INHALATION: Irritating TNT Is Toxic by
INGESTION: Inhalation. TNT is Toxic by
Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2005060122

PRODUCT DESIGNATION/PART NUMBER

ISL-Torpex (Hexotonal)

NOTES:

None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

403392

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA008

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**
Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820592**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 pils	X	UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Netq: 17,885 kgs	Gwt: Gwt:	42,670 19,355	lbs kgs	
POC: Monica or Roger 870-574-0580						

TRANSPORT TFI 14, S.E.C.

FILER CODE

TFIQ00009712 0



TRANSPORT TFI 14, S.E.C.

FILER CODE

TFIQ00009712 0



TRANSPORT TFI 14, S.E.C.

FILER CODE

TFIQ00009712 0



PLACARDS TENDERED: YES NO

Note: The carrier's liability is dependent on values, shippers are required to state specifically limiting the amount or character of the property, as follows: The amount or character of the property is hereby specifically stated by the shipper to be _____

The carrier's liability is limited to the actual value of the property as stated above. The carrier's liability is limited to the actual value of the property as stated above. The carrier's liability is limited to the actual value of the property as stated above.

(2) Carriage is subject to the provisions of the contract of carriage and handling of cargo must be marked and packaged as to comply with transportation. See Section 2nd of the Bill of Lading, Freight Bill and Statement of Charges and Section 10th of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

As P Selzer Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt \$

G.O.D. FEE: PREPAID COLLECT \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT PREPAID Check box if charges are to be collect

RECEIVER, subject to the conditions and terms in effect on the date of issue of this Bill of Lading, the property described above is received in good order, except as noted (quantity and condition of packages unknown), marked, counted, and received in indicated units and carrier (the same carrier being indicated throughout). We contract to transport any goods or commodities in accordance with the contract agreed to carry to its usual place of delivery or such destination, if on the route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed to each carrier of all or any of, said property over all or any portion of said route to

receiver and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: **Transport Nordique**

PER:

As P Selzer

PER:

As P Selzer

DATE:

05 mai '13



Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393

US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.

SHIPPING CLASS/DIVISION: 1.1 D

MANUFACTURER: EXPLO SYSTEMS INC.

EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)

CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	RDX
% by Weight	30-50%
Chemical Family	Organic Nitro Compound
CHEMICAL NAME:	2,4,6-TRINITROTOLUENE
COMMON NAME:	TNT
CHEMICAL FAMILY:	Organic Nitro Compound
CAS NO.: % BY	118-96-7
WEIGHT:	40-50%
CHEMICAL NAME	ALUMINUM
% By Weight	10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:	176° F	DENSITY:	1.66 g/cm ³
VAPOR PRESSURE %		0.057 Mpa, 178° F	
VOLATILE, BY VOL:		N/A	



Page 2

VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:

EYES: SKIN: Slightly Irritating Slightly
INHALATION: Irritating TNT Is Toxic by
INGESTION: Inhalation. TNT is Toxic by
Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2005060122

PRODUCT DESIGNATION/PART NUMBER

ISL-Torpex (Hexotonal)

NOTES:

None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 8

Shipper No. GAEA027

Carrier No. _____

Page 1 of 1

SLT (Secured Land Transport)

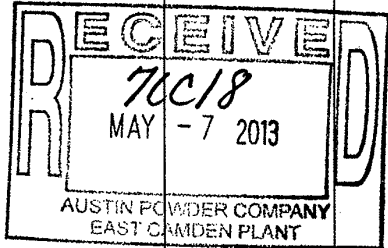
Date _____

(Name of carrier)

TO: Consignee: Austin Powder Street: 7-LC Blandy Road City, State, Zip Code: East Camden, AR 71701	FROM: Shipper: Paramount Enterprises International, Inc Street: 6700 Chemin de La Grand Anse City, State, Zip Code: Ville de La Baie, QC Canada 1-800-424-9300 (CHEMTREC) 24 hr. Emergency Contact Tel. No.: USA Customer No: 16745
---	--

Route: _____	Vehicle Number: _____	Trailer Number: _____	Seal Number: 820611
--------------	-----------------------	-----------------------	----------------------------

No. of Units & Container Type	HM	BASIC DESCRIPTION <small>Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group</small>	TOTAL QUANTITY <small>(Weight, Volume, Gallons, etc.)</small>	WEIGHT <small>(Subject to Correction)</small>	RATE	CHARGES <small>(For Carrier Use Only)</small>
720 f/b bxs on 24 plts	X	<p style="font-size: 1.5em; font-family: cursive; text-align: center;">P121055 grn # 231784</p> <p>UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Netq: 18,000 kgs 39683 lbs</p> <p style="font-size: 1.2em; font-family: cursive; text-align: center;">Monica Kelly Monica Kelly 5/07/13</p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bill of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Ch P Selge Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD	Amt: \$	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$
<small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>		TOTAL CHARGES \$ FREIGHT CHARGES <small>FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> are to be collect</small>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: SLT (Secured Land Transport)
PER: <i>Ch P Selge</i>	PER:
	DATE:

INTERESTED
 5/08/13
Made

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 318-382-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd, Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010017
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. B. Sarıca

Broker notation

18.000 kg = 18 ton x \$ 1500.00 = \$ 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Seret Yazgan İş Merkezi No: 72/14: 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GA EA 027

PAPS: SLTW010017

ARYUM

EXPLO SYSTEMS INC.
1600 Java Road Minden
LA 71055 USA
P : 918-382-8700

PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd - Serbia
Delivery time : until end of February
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg
Payment Term : Advance by bank transfer



SLTW 010017
SECURED LAND TRANSPORT

ARYUM
Makina Kimya ve Ticaret Limited Sirketi
A. Samas

Broker notation

18.000 kg = 18 ton x \$ 1500.00 = \$ 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Serif Yazgan İş Merkezi No: 72/14 34736 Kozyatağı - İstanbul / Türkiye
Tel: +90.216.367 48 30 pbx Fax: +90.216.367 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GA EA 027


PAPS: SLTW010017

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5; MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia	Reference number(s) Sp.13038TC	
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland	
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Name/status, company/organization of signatory Prva Iskra - Namenska a.d. Place and date Belgrade, 10,11,12 April 2013 Signature on behalf of packer According attached Multimodal Dangerous Goods Form	
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	Instructions or other matter
Port of discharge GRANDE ANSE, Canada		

Number and kind of packages, proper shipping name, IMO hazard classification, UN number, EmS No. <p style="text-align: center;">UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D</p> <p>Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg</p> <p>8000 cardboard boxes on 267 wooden pallets</p> <p>EMS F-B, S-Y</p>	Gross mass (kg), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> Type of unit (container, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
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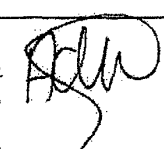
SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k. Place and date Gdansk, 16 April 2013 Signature on behalf of shipper:  POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland NIP: 525-200-0000, REGON: 141943, KRS: 000026331 Sąd Rejonowy dla M. St. Gdynia, XII KRS 000026331
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IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5, MARPOL 73/78 ANNEX II, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.5 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia	Reference number(s) Sp.13038TC
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Name/status, company/organization of signatory Prva Iskra - Namenska a.d. Place and date Belgrade, 10,11,12 April 2013 Signature on behalf of packer According attached Multimodal Dangerous Goods Form
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK
Port of discharge GRANDE ANSE, Canada	Instructions or other matter

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, Ems No. <p style="text-align: center;">UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D</p> <p>Gross cargo weight - 214.941,0 kg Net explosive weight - 200.000,0 kg</p> <p>8000 cardboard boxes on 267 wooden pallets</p> <p>EMS F-B, S-Y</p>	Gross mass (kg), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> e of unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)
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SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k. Place and date Gdansk, 16 April 2013 Signature on behalf of shipper: 
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DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

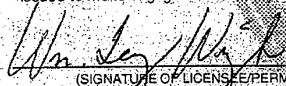
In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3352 Fax: 1-304-616-4401	LICENSE PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME	EXPLO SYSTEMS INC	Premises Address CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055
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TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES
---------------------------	--------------------------------

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves
---	---

PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	 (SIGNATURE OF LICENSEE/PERMITTEE)	Mailing Address CHANGES? You must notify the FELC at least 10 days before the chan EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
--	--	---

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3352, Fax: 1-304-835-4401	BUREAU OF ALCOHOL, TOBACCO AND FIREARMS LICENSE/PERMIT NUMBER	5-LA-119-23-4A-00059
NAME	EXPLO SYSTEMS INC	EXPIRATION DATE	January 1, 2014
TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES	Premises Address: CHANGES? You must notify the FELC at least 10 days before the chan	1600 JAVA RD MINDEN, LA 71055
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves	Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.			
<i>Wm. Jay Wright</i> (SIGNATURE OF LICENSEE/PERMITTEE)			
The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transfer of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.			

ATF F 5400.14/5400.15, Part 1 (8/89)



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001
Prepared by: Explo Systems, Inc.

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F **DENSITY:** 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

East Building, PHH - 32
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

**The US Department of Transportation
Competent Authority for the United States**

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Prva Iskra Namenska AD, Baricka reka bb, 11 504 Baric, Srbija, Serbia the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2012091525

PRODUCT DESIGNATION/PART NUMBER

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

DATED: 11/09/2012

Magdy El-Sibaie

For Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Tracking No: 2012090596

Page 1 of 1



Canada Border
Services Agency

Agence des services
frontaliers du Canada

IN BOND
EN DOUANE

CARGO CONTROL DOCUMENT
DOCUMENT DE CONTRÔLE DU FRET

Acquittal No. - N° de l'acquittement

U.S. port of exit - Bureau de sortie des É.U. In transit - En transit

Manifest from - Manifeste de Grande Anse 301 To - À Lacolle 351



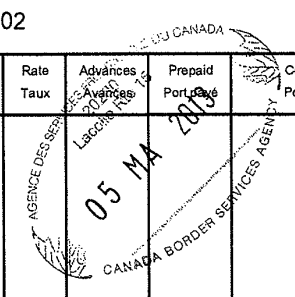
214U 00805
Secured Land Transport

Consignee name and address - Nom et adresse du destinataire
Explo Systems
1600 Java Road
Minden, LA 71055

Shipper name and address - Nom et adresse de l'expéditeur
PRVA Iskra Namenska
11504 Baric Belgrade
Republic of Serbia

Previous Cargo Control No. - N° de contrôle du fret antérieur
9138GD404202

No. of pkgs. Nombre de colis	Description and marks Désignation et marques	Weight Poids	Rate Taux	Advances / Droits Légalement dus	Prepaid Port payé	Collect Port dû
720 f/b bxs on 24 plts	UN0209, Trinitrotoluene (TNT) Class 1.1D PGII Net: 18,000 kgs Seal 820611	Gwt: 19,344 kgs				



Foreign point of landing - Port de chargement étranger

Location of goods - Emplacement des marchandises
Grande Anse 301

Name of carrier - Nom du transporteur
SLT Secured Land Transport GAEA027

Conveyance identification - Identification du moyen de transport

ABA(B) (05)

To be delivered by Consignee to Customs
À remettre à la douane par le destinataire

CUSTOMS DELIVERY AUTHORITY COPY - EXEMPLAIRE DE L'AUTORISATION DOUANIÈRE DE LIVRAISON

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 9

Shipper No. GAEA009

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder CO.**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

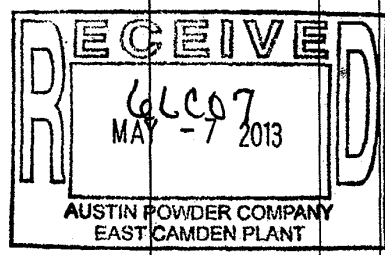
City, State, Zip Code: **East Camden, AR 71701**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: **374088** Trailer Number: **5235606** Seal Number: **820593**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p style="font-size: 1.5em; font-family: cursive;">P121055 qsn # 231765</p> <p>UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Net: 17,885 kgs 39,429 lbs</p> <p style="font-size: 1.2em; font-family: cursive;">Monica Kelly Monica Kelly 05/07/13 POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		



PLACARDS TENDERED: YES NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or slowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

[Signature] Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE:
PREPAID
COLLECT \$ _____

TOTAL CHARGES \$ _____

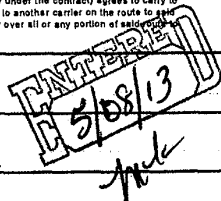
FREIGHT CHARGES
FREIGHT PREPAID Check box if charges are to be collect
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any et. said property over all or any portion of said route.

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

PER: *[Signature]*



CARRIER: **Transport Nordique**

PER: *[Signature]*

DATE: _____

BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4
This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) Sprewerk Lübben GmbH Börnichen 99 16007 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee Explo Systems Inc. 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
CONTAINER/FAHRZEUG-PACKZERTIFIKAT CONTAINER/VEHICLE PACKING CERTIFICATE ERKLÄRUNG Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. DECLARATION It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:	
		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben, Mr. Dusi	
		Ort und Datum Place and date Lübben, April 10, 2013	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading Papenburg	
Löschhafen Port of discharge Grand Anse		Unterschrift für den Packenden Signature on behalf of packer <i>Haus-Jif J-2</i>	
MS "Anmare"		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages 412 pallets = 412 fibre cartons	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) * Torpex (Hexotonal)
		Klasse/Unterklasse nach IMO IMO-Class 1.1 D	UN-Nr. UN-No. UN 0393
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse * Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** Gross mass: 162.740 kgs Net explosive mass: 150.380 kgs		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** MARINE POLLUTANT ** Kontroll- und Notfalltemperatur ** Control- and emergency temperature **
		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Braakbuik cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall list die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Beschneigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). ADDITIONAL INFORMATION In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. DECLARATION I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory Sprewerk Lübben GmbH	
		Ort und Datum Place and date Lübben, April 10, 2013	
		Unterschrift für den Versender Signature on behalf of shipper <i>[Signature]</i>	
IMO_Hexotonal_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51 88 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Höhendodeleben (03 92 04) 54 47



Explo Systems INC.
1702 Fourth St.
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal DATE OF ISSUE: October 12, 2006
DESCRIPTION: Explosive Prepared by: Explo Systems, Inc.
UN 0393
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1 D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME RDX
% by Weight 30-50%
Chemical Family Organic Nitro Compound
CHEMICAL NAME: 2,4,6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: % BY 118-96-7
WEIGHT: 40-50%
CHEMICAL NAME ALUMINUM
% By Weight 10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE % 0.057 Mpa, 178° F
VOLATILE, BY VOL: N/A



Page 2

VAPOR DENSITY: N/A
 EVAPORATION RATE: N/A
 SOLUBILITY IN WATER: Insoluble
 APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A
 EXTINGUISHING MEDIA: None
 SPECIAL FIRE FIGHTING PROCEDURES:
 Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.
 STABILITY: Stable
 UNUSUAL FIRE AND EXPLOSION HAZARD:
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
 INCOMPATIBILITY: No Data Applicable
 AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:

EYES: SKIN:	Slightly Irritating Slightly
INHALATION:	Irritating TNT Is Toxic by
INGESTION:	Inhalation. TNT is Toxic by
	Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES:	Flush with lukewarm water
SKIN:	Wash with soap and water
INHALATION:	If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION:	Induce vomiting immediately by giving two glasses of water and sticking finger down throat



SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION: General ventilation with local exhaust in operation area.
EYE PROTECTION: Chemical Goggles
SKIN PROTECTION: Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN: Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD: Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department
of Transportation

400 Seventh Street, S.W.
Washington, D.C. 20590

Pipeline and
Hazardous Materials Safety
Administration

The US Department of Transportation
Competent Authority for the United States

CLASSIFICATION OF EXPLOSIVES

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

U.N. PROPER SHIPPING NAME AND NUMBER:

Hexotonal, UN0393

U.N. CLASSIFICATION CODE: 1.1D

REFERENCE NUMBER

EX2005060122

PRODUCT DESIGNATION/PART NUMBER

ISL-Torpex (Hexotonal)

NOTES:

None

DATED: June 16, 2005

Approved by:

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

STRAIGHT BILL OF LADING
ORIGINAL - NOT NEGOTIABLE

Load 10

Shipper No. PNEA037-2

Carrier No. 217529

Page 1 of 1

R & R TRUCKING

Date _____

(Name of carrier)

TO:
Consignee: **Austin Powder**

Street: **7-LC Blandy Road**

City, State, Zip Code: **East Camden, AR 71701**

FROM:
Shipper: **Paramount Enterprises International, Inc**

Street: **1080 Military Turnpike**

City, State, Zip Code: **Plattsburgh, NY 12901**

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: **STOP 2** Vehicle Number: _____ Trailer Num: 17731 Seal Number: 4665324

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
60 f/b bxs on 2 plts	X	<i>PI 21055</i> <i>qrn# 231785</i> UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Neq: 1,500 kgs <i>3307</i>	Gwt: _____ Gwt: _____	3,554 1,612	lbs kgs	
20 f/b bxs on 1 plt	X	UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525 Neq: 500 kgs <i>1102</i>	Gwt: _____ Gwt: _____	1,202 545	lbs kgs	

Monica Kelly
Monica Kelly 5/08/13

RECEIVED
7/18
MAY - 8 2013

PLACARDS TENDERED: YES NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.
Chas P Selge Signature

24 Hr Number and ERA# _____

COD Amt: \$ _____
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. --
C.O.D. FEE: PREPAID COLLECT \$ _____
TOTAL CHARGES \$ _____
FREIGHT CHARGES: FREIGHT PREPAID except when box is tight is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:

CARRIER: **R & R Trucking**

PER: *Chas P Selge*

PER:

DATE:

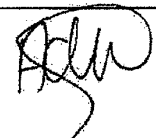
RECEIVED
5/08/13
mk

IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5.
 MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.6 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia	1	Reference number(s) Sp.13038TC	2
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	3	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland	4
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Name/status, company/organization of signatory Prva Iskra - Namenska a.d.		5
		Place and date Belgrade, 10,11,12 April 2013	
		Signature on behalf of packer According attached Multimodal Dangerous Goods Form	
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK	Instructions or other matter	6
Port of discharge GRANDE ANSE, Canada	8		7

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EmS No. <p style="text-align: center;">UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D</p> <p>Gross cargo weight – 214.941,0 kg Net explosive weight - 200.000,0 kg</p> <p>8000 cardboard boxes on 267 wooden pallets</p> <p>EMS F-B, S-Y</p>	Gross mass (kg.), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Utilized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> Piece of unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box (This column may be left empty apart from the heading, in which case insert appropriate description)	9
--	---------------------------------------	--	---

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	10	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k.	11
		Place and date Gdansk, 16 April 2013	
		Signature on behalf of shipper  POL-MARE Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland NIP: 525-200-0000, REGON: 141942, KRS: 000043879 tel. +48 58 729 00 00, fax +48 58 729 00 01, e-mail: biuro@polmare.com.pl	



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-264-3362, Fax: 1-304-616-4401	LICENSE PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME	EXPLO SYSTEMS INC	Premises Address: CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055
------	-------------------	--

TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES
---------------------------	--------------------------------

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves
---	---

PURCHASING CERTIFICATION	Mailing Address: CHANGES? You must notify the FELC at least 10 days before the chan
I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
<i>Wm. Leg. Mag. k</i> (SIGNATURE OF LICENSEE/PERMITTEE)	

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)



EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

MATERIAL SAFETY DATA SHEET

SECTION I

PRODUCT NAME: TNT
DESCRIPTION: Explosive
UN 0209
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene
Packing Group II.
SHIPPING CLASS/DIVISION: 1.1D
MANUFACTURER: EXPLO SYSTEMS INC.
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE
COMMON NAME: TNT
CHEMICAL FAMILY: Organic Nitro Compound
CAS NO.: 118-96-7
% BY WEIGHT: 98-100

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT: 176 ° F DENSITY: 1.66 g/cm³
VAPOR PRESSURE 0.057 Mpa, 178° F
% VOLATILE, BY VOL: N/A
VAPOR DENSITY: N/A
EVAPORATION RATE: N/A
SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

EXPLO SYSTEMS, INC.
1702 Fourth Street
Minden, LA 71055

SECTION IV FIRE & EXPLOSION DATA

FLASH POINT: N/A
EXTINGUISHING MEDIA: None
SPECIAL FIRE FIGHTING PROCEDURES:
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.
STABILITY: Stable
UNUSUAL FIRE AND EXPLOSION HAZARD:
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.
INCOMPATIBILITY: No Data Applicable
AUTO IGNITION TEMPERATURE: 570° F

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:
EYES: Slightly Irritating
SKIN: Slightly Irritating
INHALATION: TNT is Toxic by Inhalation.
INGESTION: TNT is Toxic by Ingestion.

SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water
SKIN: Wash with soap and water
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible.
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations.

OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.

STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Road 11

Shipper No. GAEA011

Carrier No. _____

Page 1 of 1

TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:
Consignee: Austin Powder CO.

FROM:
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

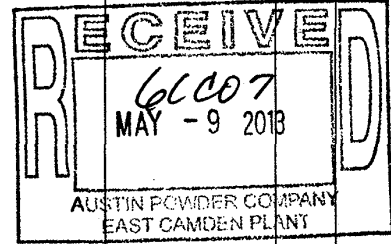
City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820595**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p style="font-size: 1.5em; font-family: cursive; text-align: center;">P121055 grn # 231831</p> <p>UN0393, Hexotonal (Torpex), 1.1D, PG II EX- 2005060122 Neq: 17,885 kgs 39,429 lbs</p> <p style="font-size: 1.5em; font-family: cursive; text-align: center;">Monica Kelly Monica Kelly POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		



PLACARDS TENDERED: YES NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Chas P. Selzer Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

C.O.D. FEE: PREPAID COLLECT \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: Transport Nordique

PER: *Chas P. Selzer* PER: _____

DATE: _____



Spreewerk Lübben GmbH
Postfach 15 65, 15905 Lübben

Explo Systems Inc.
1600 JAVA ROAD, CAMP Minden
71055 Minden/LA
USA

Proforma-Invoice

Date:	10.04.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4451 dated 11th December 2012
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
Merchandise-N°: 36020000 Price: FAS Handling <i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

**NO ACCOUNTING
ONLY FOR CUSTOMS PURPOSE**

*Bucher notation.
see attached letter
150.380 kg = 331,528 lbs
331,528 x \$ 1.15/lb = \$ 381,257.20 total
9 trucks*

17,885 kg = 39429 lbs x \$ 1.15/lb = \$ 45,343.35

SHIPPER NO: GAEA011

Spreewerk Lübben GmbH
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

TRANSPORT TFI 14, S.E.C.

TFIQ00009715 3

FILER CODE



Ein Unternehmen
der Spezialtechnik-Gruppe
Dresden

Zertifiziert nach DIN EN ISO 9001
Zertifiziert nach DIN EN ISO 14001
Zertifiziert nach OHSAS 18001
Zertifiziert nach Efbv

PAPS TFIQ000097153



Voyage : 6005398

Client: 30050-PARAMOUNT ENTERPRISE INTL

Référence: GAEA011

Marchandise: EXPLOSIF

!!! MATIÈRES DANGEREUSES !!!

Équipement : FE.53.2

Palette: Oui

Départ (1)	TRANSPORT NORDIQUE (PQ) Terminal St-Jerome 851 BOUL. ROLAND-GODARD, J7Y 4C2 OPERATION Tél : (800) 361-7958, Fax: (888) 350-3396	Début 07/05/2013 19:00 Fin 07/05/2013 19:15	FIFO 374089	Remorque(s) 5236724
			<i>FAST</i> 481250 - Bolduc, Michel <i>FAST</i> 481251 - St-Aubin, Robert	
Douane (2)	BORDER CHAMPLAIN,NY (NY) Border Champlain BORDER CHAMPLAIN,NY, DHL DANZAS (AEI) Tél : (518) 298-4555, Fax: (518) 298-5427	Début 07/05/2013 23:00 Fin 07/05/2013 23:45	FIFO 374089	Remorque(s) 5236724
			<i>FAST</i> 481250 - Bolduc, Michel <i>FAST</i> 481251 - St-Aubin, Robert	
			CÔTÉ CANADIEN: Border Lacolle, PQ	
Livraison (3)	AUSTIN POWDER EAST CAMDEN (AR) East Camden 7 LC10 BLANDY RD, 71701 THOMAS ETHRIDGE Tél : (870) 574-0580, Fax: (870) 574-0580	Début 09/05/2013 08:00 Fin 09/05/2013 10:00	FIFO 374089	Remorque(s) 5236724
			<i>FAST</i> 481250 - Bolduc, Michel <i>FAST</i> 481251 - St-Aubin, Robert	
			~~~~~ Liste des PO ~~~~~ GAEA011, 49 Skid HEXOTONAL (TORPEX) 1.1D PGI, 42670 lbs	

# BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address)  <b>Sprewerk Lübben GmbH</b> <b>Börnichen 99</b> <b>16007 Lübben</b>		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee  <b>Explo Systems Inc.</b> <b>1702 Fourth Street</b> <b>71055 Minden/USA</b>		Beförderer Carrier	
<b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b> <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b> <b>ERKLÄRUNG</b> Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. <b>DECLARATION</b> It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. <b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b> <b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:  Name/Funktion, Unternehmer/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben, Mr. Dusi</b>	
Schiffname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading  <b>MS "Anmare" Papenburg</b>	
Löschhafen Port of discharge  <b>Grand Anse</b>		Ort und Datum Place and date <b>Lübben, April 10, 2013</b>	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder smtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages  <b>412 pallets</b> <b>= 412 fibre cartons</b>	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) *  <b>Torpex (Hexotonal)</b>		Klasse/Unterklasse nach IMO-Code UN-Nr. UN-No.  <b>1.1 D UN 0393</b>	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass ***  <b>Gross mass:</b> <b>162.740 kgs</b> <b>Net explosive mass:</b> <b>150.380 kgs</b>		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unladed cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed	
* Marken- oder Handelsnamen allein sind nicht ausreichend, Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
<b>ZUSÄTZLICHE ANGABEN</b> Unter bestimmten Bedingungen sind besondere Angaben/Beschreibungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). <b>ADDITIONAL INFORMATION</b> In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
<b>ERKLÄRUNG</b> Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. <b>DECLARATION</b> I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben GmbH</b>  Ort und Datum Place and date <b>Lübben, April 10, 2013</b>  Unterschrift für den Versender Signature on behalf of shipper	
<b>IMO_Hexotonal_ExploUSA_10042013.XLS</b>			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 34) 3 49 40, Höhendodeleben (03 92 04) 54 47



Explo Systems INC.  
1702 Fourth St.  
Minden LA, 71055

MATERIAL SAFETY DATA SHEET

SECTION 1

PRODUCT NAME: Hexatonal      DATE OF ISSUE: October 12, 2006  
DESCRIPTION: Explosive      Prepared by: Explo Systems, Inc.  
UN 0393  
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex  
Packing Group II.  
SHIPPING CLASS/DIVISION: 1.1 D  
MANUFACTURER: EXPLO SYSTEMS INC.  
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)  
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME      RDX  
% by Weight      30-50%  
Chemical Family      Organic Nitro Compound  
CHEMICAL NAME:      2,4,6-TRINITROTOLUENE  
COMMON NAME:      TNT  
CHEMICAL FAMILY:      Organic Nitro Compound  
CAS NO.: % BY      118-96-7  
WEIGHT:      40-50%  
CHEMICAL NAME      ALUMINUM  
% By Weight      10-30%

SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:      176° F      DENSITY:      1.66 g/cm³  
VAPOR PRESSURE %      0.057 Mpa, 178° F  
VOLATILE, BY VOL:      N/A



Page 2

VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A  
EXTINGUISHING MEDIA: None  
SPECIAL FIRE FIGHTING PROCEDURES:  
Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.  
STABILITY: Stable  
UNUSUAL FIRE AND EXPLOSION HAZARD:  
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.  
INCOMPATABILITY: No Data Applicable  
AUTO IGNITION TEMPERATURE: 570° F

#### SECTION V HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE:  
EYES: SKIN: Slightly Irritating Slightly  
INHALATION: Irritating TNT Is Toxic by  
INGESTION: Inhalation. TNT is Toxic by  
Ingestion.

#### SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES: Flush with lukewarm water  
SKIN: Wash with soap and water  
INHALATION: If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.  
INGESTION: Induce vomiting immediately by giving two glasses of water and sticking finger down throat



**SECTION VII SUGGESTED CONTROL PROCEDURES**

RESPIRATORY PROTECTION	Wear filter respirator, avoid dusting by keeping wet when possible,
VENTILATION:	General ventilation with local exhaust in operation area.
EYE PROTECTION:	Chemical Goggles
SKIN PROTECTION:	Impervious Gloves

**SECTION VIII SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN:	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
WASTE DISPOSAL METHOD:	Consult an explosive expert for recommended method for destroying explosive materials.

**SECTION IX SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:**

Transport and storage must be in compliance with state regulations,

**OTHER PRECAUTIONS:**

Refer to manufacturers' Instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA011

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

**TO:**  
 Consignee: **Austin Powder CO.**  
 Street: **7-LC Blandy Road**  
 City, State, Zip Code: **East Camden, AR 71701**

**FROM:**  
 Shipper: **Paramount Enterprises International, Inc.**  
 Street: **6700 Chemin de La Grand Anse**  
 City, State, Zip Code: **Ville de La Baie, QC Canada**  
**1-800-424-9300 (CHEMTREC)**  
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820595**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 17,885 kgs	Gwt: 42,670 Gwt: 19,355	lbs kgs		+
POC: Monica or Roger 870-574-0580						

<b>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></b>		<b>24 Hr Number and ERAP 2-1684-001 1-888-922-3330</b>	
Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.	I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	<b>COD</b> Amt: \$ _____ <small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:          The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>	G.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____ <b>TOTAL CHARGES</b> \$ _____ FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/>
<small>RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to</small>		<small>destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.          Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.</small>	
Signature:  _____ <small>(Signature of Consignor)</small>			

<b>SHIPPER:</b>	<b>CARRIER: Transport Nordique</b>
<b>PER:</b>	<b>PER:</b> _____
<b>DATE:</b> _____	<b>DATE:</b> _____

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA011

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:  
Consignee: **Austin Powder CO.**

FROM:  
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

City, State, Zip Code: **East Camden, AR 71701**

**1-800-424-9300 (CHEMTREC)**

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route:	Vehicle Number:	Trailer Number:	Seal Number: <b>820595</b>
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No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bx on 49 plts	X	UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 17,885 kgs  POC: Monica or Roger 870-574-0580	Gwt: Gwt:	42,670 19,355	lbs kgs	+

<b>PLACARDS TENDERED: YES <input type="checkbox"/> NO <input type="checkbox"/></b>		<b>24 Hr Number and ERAP 2-1684-001 1-888-922-3330</b>	
Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.	I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	<b>COD</b> Amt: \$	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$
RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to		destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.	
Signature:		Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	
Signature of Consignor: _____		TOTAL CHARGES \$ _____ FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/>	

SHIPPER:	CARRIER: <b>Transport Nordique</b>
PER:	PER: _____
	DATE: _____



# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Load 12

Shipper No. GAEA029

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

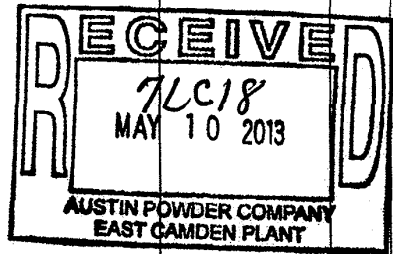
(Name of carrier)

TO:  
Consignee: **Austin Powder**  
Street: **7-LC Blandy Road**  
City, State, Zip Code: **East Camden, AR 71701**

FROM:  
Shipper: **Paramount Enterprises International, Inc**  
Street: **6700 Chemin de La Grand Anse**  
City, State, Zip Code: **Ville de La Baie, QC Canada**  
**1-800-424-9300 (CHEMTREC)**  
24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820613**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
727 f/b bxs on 62 plts	X	<p style="font-size: 1.5em; font-family: cursive; text-align: center;">P121055 qcn# 231919</p> <p>UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2002100230      Neq: 15,982 kgs <span style="font-size: 1.5em; font-family: cursive; display: block; text-align: right;">35234lbs</span></p> <p style="font-size: 1.2em; font-family: cursive; margin-top: 20px;">Monica Kelly Monica Kelly 5/10/13</p>	Gwt: 39,308 Gwt: 17,830	lbs kgs		



**PLACARDS TENDERED: YES  NO**

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"  
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.  
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Char P Selzer* Signature

**24 Hr Number and ERAP 2-1684-001 1-888-922-3330**

**COD** Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: -  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

**C.O.D. FEE:** PREPAID  COLLECT  \$ _____

**TOTAL CHARGES** \$ _____

**FREIGHT CHARGES** FREIGHT PREPAID except when box at right is checked  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route its

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique** 5235611

PER: *Char P Selzer* _____ PER: _____

DATE: _____



Spreewerk Lübben GmbH  
Postfach 15 65, 15905 Lübben

**Explo Systems Inc.**  
**1600 JAVA ROAD, CAMP Minden**  
**71055 Minden/LA**  
**USA**

**Proforma-Invoice**

Date:	10.04.2013
Customer-N°:	165070
Owr Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4486 dated 14th March 2013  
Period of Performance: April 2013

We have invoiced your order:

1	15.982 kgs TNT	0,10	1.598,20
Merchandise-N°: 36020000 Price: FAS Handling  <i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>			

Net Value:	1.598,20
VAT:	0,00
Gross Value:	1.598,20

**NO ACCOUNTING  
ONLY FOR CUSTOMS PURPOSE**

TRANSPORT TFI 14, S.E.C.

**TFIQ00009725 2**

FILER CODE



Broker notation:  
EURO #

Shipper No: GAEA029  
PAPS TFIQ000097252

**Spreewerk Lübben GmbH**  
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben  
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270  
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de  
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede  
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395  
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen  
der Spezialtechnik-Gruppe  
Dresden  
  
Zertifiziert nach DIN EN ISO 9001  
Zertifiziert nach DIN EN ISO 14001  
Zertifiziert nach OHSAS 18001  
Zertifiziert nach Efbv

# BEFÖRDERUNGSDOKUMENT FÜR GEFÄHRLICHE GÜTER

nach §8 GGvSee (IMO-ERKLÄRUNG)  
**TRANSPORT DOCUMENT FOR DANGEROUS GOODS**  
**(IMO-DANGEROUS GOODS DECLARATION)**

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4  
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address) <b>Sprewerk Lübben GmbH</b> <b>Börnichen 99</b> <b>15907 Lübben</b>		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee <b>Explo Systems Inc.</b> <b>1702 Fourth Street</b> <b>71055 Minden/USA</b>		Beförderer Carrier	
<b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b> <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b> <b>ERKLÄRUNG</b> Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. <b>DECLARATION</b> It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. <b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b> <b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>		Container-/Fahrzeug-Nr.: Container-/Vehicle-Nr.:	
Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory <b>Sprewerk Lübben, Mr. Dusi</b>		Ort und Datum Place and date <b>Lübben, April 10, 2013</b>	
Unterschrift für den Packierer Signature on behalf of packer 		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Schiffsname und Nummer der Reise Ship's name and voyage No. <b>MS "Anmare"</b>		Ladehafen Port of loading <b>Papenburg</b>	
Löschhafen Port of discharge <b>Grand Anse</b>		emergency response phone: <b>0049 3546 280</b>	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder armtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages <b>62 pallets = 727 fibre cartons</b>	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name) <b>TNT (Trinitrotoluene)</b>		Klasse/Unterklasse nach IMO IMO-Class <b>1.1 D UN 0209</b>	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse - Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass *** <b>Gross mass:</b> <b>17.830 kgs</b> <b>Net explosive mass:</b> <b>15.982 kgs</b>		Merkblatt-Nr. für Unfall-Maßnahmen EmS No. Eigenschafter/Properties Flammpunkt/Flashpoint ** <b>MARINE POLLUTANT **</b> Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed		Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; * Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
<b>ZUSÄTZLICHE ANGABEN</b> Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). <b>ADDITIONAL INFORMATION</b> In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
<b>ERKLÄRUNG</b> Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. <b>DECLARATION</b> I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory <b>Sprewerk Lübben GmbH</b> Ort und Datum Place and date <b>Lübben, April 10, 2013</b> Unterschrift für den Versender Signature on behalf of shipper 	
IMO_TNT_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51) 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 70 33) 3 49 40, Hochendodeleben (03 92 04) 54 47



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-8352, Fax: 1-304-635-4401	LICENSE/PERMIT NUMBER:	<b>5-LA-119-23-4A-00059</b>
NAME:	EXPLO SYSTEMS INC	OPERATION DATE:	<b>January 1, 2014</b>
TYPE OF LICENSE OR PERMIT:	23-IMPORTER OF HIGH EXPLOSIVES	Premises Address - CHANGES? You must notify the FELC at least 10 days before the mo	1600 JAVA RD MINDEN, LA 71055
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC):	<i>Christopher R. Reeves</i> Christopher R. Reeves	Mailing Address - CHANGES? You must notify the FELC at least 10 days before the chan	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified. <i>Wm. Jay Wink</i> (SIGNATURE OF LICENSEE/PERMITTEE)		The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR part 555. The signature on each reproduction must be an ORIGINAL signature.	

ATF F 5400.14/5400.15, Part 1 (8/89)



## SAFETY DATA SHEET

In accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006  
Revision date: 19.05.2006  
Date of first version: 11.12.2003

### 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 1 of 5

## 1. Identification of the substance/preparation and of the company/undertaking

### Identification of the substance or preparation

Commercial Product name: 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

### Use of the substance / preparation

explosive(s).

### Information on manufacturer / supplier

Company's title: Spreewerk Lübben GmbH  
Street/POB-No.: Börnichen 99  
State/city/postal code: D-15907 Lübben  
Telephone: +49 (0)3546 / 28200  
Telefax: +49 (0)3546 / 28270

Dept. responsible for information:  
Herr Hertel

Telephone: +49 (0)3546 / 28259

### Number for emergency calls:

+49 (0)3546 / 28200

## 2. Composition/Information on ingredients

### Chemical characterization (substance)

C7 H5 N3 O6  
CAS-Number: 118-96-7  
EINECS-Number: 204-289-6  
RTECS-Number: XU 0175000  
EC-Number: 609-008-00-4  
Hazchem-Code: 2WE

## 3. Hazard identification

### Classification



Explosive      Toxic      Hazardous to the environment

R 2      Risk of explosion by shock, friction, fire or other sources of ignition.  
R 23/24/25      Toxic by inhalation, in contact with skin and if swallowed.  
R 33      Danger of cumulative effects.  
R 51/53      Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

## 4. First aid measures

general information: Move victim to fresh air, loosen restrictive clothing and calm the victim. If breathing becomes irregular or ceases, apply mouth-to-mouth breathing or artificial ventilation immediately, where required administer oxygen. If victim is at risk of losing consciousness, position and transport on their side.

after inhalation: Medical advice absolutely required!

after skin contact: Immediately remove any contaminated clothing, shoes or stockings. Immediately clean with water and soap followed by thorough rinsing. Do not rinse with alcohol. Medical advice absolutely required!





**SPREWERK**

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Date of print: 19.05.2006  
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### 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 2 of 5

after eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek the attention of an ophthalmologist immediately.

after swallowing: If person is conscious, induce vomiting. If unconscious, or with labored breathing, seek medical attention.

## 5. Fire fighting measures

Suitable extinguishing media:

Water

Particular hazards arising from the substance itself, combustion products or resulting gases:

In case of fire may form: nitrogen oxides (NOx).

Particular protective equipment:

Flame-retardant clothes

Additional information:

Do not inhale vapours.

## 6. Accidental release measures

Methods for cleaning up / spillage removal:

Avoid generation of dust. Do not allow to enter ground water, sewage or drains.

Additional information:

Use only in explosion-proof areas.

## 7. Handling and storage

### Handling

Information for safe handling:

Avoid the formation of aerosol. Avoid generation of dust.

## 8. Exposure controls / personal protection

### Limitation and monitoring of exposure

#### Limitation and monitoring of exposure at workplace.

Respiratory protection: With the formation of dust, use a dust mask.

Hand protection: Protective gloves according to EN374. Glove material: rubber.

eye protection: Tightly sealed safety glasses according to EN166.

General protection and hygiene measures:

Do not breathe dust. Avoid contact with skin, eyes, and clothing. When using do not eat, drink or smoke. Wash hands when done working with material; at breaks, lunch, shift changes, etc.

## 9. Physical and chemical properties

### Appearance

Form: solid, crystalline or scaling  
Colour: colourless up to light yellow  
Odour: odourless

### Safety relevant data

#### Important data concerning health- and environmental protection and safety thereto

Boiling temperature / boiling range: 240 °C (1013 hPa)

Melting point / melting range: 80,7 °C

Vapour pressure: at 80 °C: 0,04 hPa

Density: 1,64 g/cm³

pH value: neutral



## SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006  
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### 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 3 of 5

Solubility: at 20 °C: soluble in acetone, benzene and toluene 550 g/l  
Solubility in water: 0,33 g/l  
Thermal decomposition: Fumes form explosive mixtures with air.

#### Additional information

Molecular weight: 227,11 g/mol

### 10. Stability and reactivity

Condition to avoid (hazardous reactions):

Take precautionary measures against static discharges. Avoid shock and friction. Keep away from sources of ignition. No smoking.

Materials to avoid: In case of fire may form: nitrogen oxides (NOx).

Thermal decomposition: Fumes form explosive mixtures with air.

### 11. Toxicological information

#### Toxicological Tests:

Acute toxicity: LD50 rat, oral: 795 mg/kg  
LD50 mouse, oral: 660 mg/kg  
after skin contact: Danger of cutaneous absorption.  
Additional information: Danger of cumulative effects.

### 12. Ecological information

#### details of elimination

Further details: Fish toxicity: Lethal dose: 1,5 - 2,0 mg/l

#### Ecotoxicological effects

Water risk class: 2 ((self-classified))  
water pollutant

### 13. Disposal considerations

#### Product

Waste key number: EU: 160403 (waste explosives)  
Recommendation: Dispose of waste according to applicable local, state, and federal regulations. Special waste.

#### Contaminated packaging

Recommendation: Dispose of waste according to applicable local, state, and federal regulations.

### 14. Transport information

#### Overland transport

Warning board: ADR: Substance number 209  
RID: Kemmer-number 1.1D, Substance number 209  
Description of goods: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass  
ADR/RID: Class 1, Code: 1.1D  
Label: ADR: 1 / RID: 1 + 13  
Limited quantities: LQ0  
Contaminated packaging: Instructions: P112(b)(c)  
Contaminated packaging: Special provisions: PP46  
Special provisions for packing together: MP20



## SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

Date of print: 19.05.2006  
Revision date: 19.05.2006  
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### 2,4,6-Trinitrotoluene, dry (less than 0.2% of water)

Material number TNT

Page: 4 of 5

#### Transport by sea

UN number: 209  
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass  
IMDG: Class 1.1 D, Code -  
Packing Group: -  
EmS number: F-B, S-Y  
Special provisions: -  
Limited quantities: None  
Contaminated packaging: instructions P112(a), P112(b), P112(c)  
Contaminated packaging: Provisions PP46  
IBC: Instructions: -  
IBC: Provisions: -  
Tank instructions: IMO: -  
Tank instructions: UN: -  
Tank instructions Provisions: -  
Stowage and segregation: Category 10.  
Properties and observations: Substance. Tritonal is a substance consisting trinitrotoluene (TNT) mixed with aluminium.

#### Air transport

UN/ID number: 209  
Proper shipping name: TRINITROTOLUENE (TNT) dry or wetted with less than 30 % water, by mass  
ICAO/IATA: Class 1.1D  
Passenger Ltd.Qty.: Y- - Maximum quantity: -  
Passenger: Verboten - Maximum quantity: Forbidden  
Cargo: Verboten - Maximum quantity: Forbidden  
ERG: 1L

## 15. Regulatory information

#### Classification

Code letter and hazard symbol:

E	Explosive
T	Toxic
N	Hazardous to the environment

R phrase(s):

R 2	Risk of explosion by shock, friction, fire or other sources of ignition.
R 23/24/25	Toxic by inhalation, in contact with skin and if swallowed.
R 33	Danger of cumulative effects.
R 51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

S phrase(s):

S (1/2)	Keep locked up and out of reach of children.
S 35	This material and its container must be disposed of in a safe way.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show this label if possible).
S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets.

#### National regulations

##### National regulations Germany

Water risk class: 2 ((self-classified))  
water pollutant

##### National regulations USA

NFPA Hazard Rating:  
- Health = 2 (Moderate)  
- Fire = 4 (Severe)  
- Reactivity = 4 (Severe)





## SAFETY DATA SHEET

in accordance with directives 91/155/EEC, 93/112/EEC and 2001/58/EEC

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**2,4,6-Trinitrotoluene, dry (less than 0.2% of water)**

Material number TNT

Page: 5 of 5

### 16. Other information

#### Further remarks

Literature: Hommel: 334a

#### Group that issues data sheet

Contact person: see chapter 1, department responsible for information.

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Research and  
Special Programs  
Administration**

**The US Department of Transportation  
Competent Authority for the United States**

**CLASSIFICATION OF EXPLOSIVES**

Based upon a request by Explo Systems Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations, (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

**U.N. PROPER SHIPPING NAME AND NUMBER:**

Trinitrotoluene [or] TNT, UN0209

**U.N. CLASSIFICATION CODE:** 1.1D

**REFERENCE NUMBER**

EX2002100230

**PRODUCT DESIGNATION/PART NUMBER**

Trinitrotoluene

**NOTES:**

None.

**DATED:** December 2, 2002

Approved by:

Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

Tracking No: 2002100236

Page 1 of 1

Load 13

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA012

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:  
Consignee: **Austin Powder CO.**

FROM:  
Shipper: **Paramount Enterprises International, Inc**

Street: **6700 Chemin de La Grand Anse**

Street: **7-LC Blandy Road**

City, State, Zip Code: **Ville de La Baie, QC Canada**

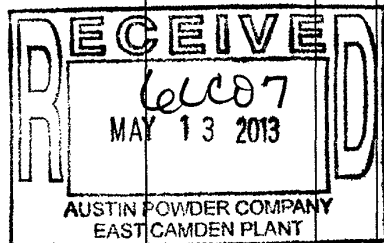
City, State, Zip Code: **East Camden, AR 71701**

**1-800-424-9300 (CHEMTREC)**

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: 5236624 Seal Number: 820596

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p><b>P121055</b> <b>ARNA 231989</b></p> <p>UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122    Neq: 17,885 kgs <b>39,429 lbs</b></p> <p><i>Monica Kelly</i> <i>Monica Kelly 5/13/13</i> POC: Monica or Roger 870-574-0580</p>	Gwt: Gwt:	42,670 19,355	lbs kgs	



PLACARDS TENDERED: YES  NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."  
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.  
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations.

*Chas P Selge* Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$

G.O.D. FEE: PREPAID  COLLECT  \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES  
FREIGHT PREPAID  Check box if charges are to be collect  
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**

PER: *Chas P Selge* PER: *S. Chouinard*

DATE: 3/5/13

Load 13

**STRAIGHT BILL OF LADING**  
ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA012

Carrier No. _____

Page 1 of 1

**TRANSPORT NORDIQUE**

Date _____

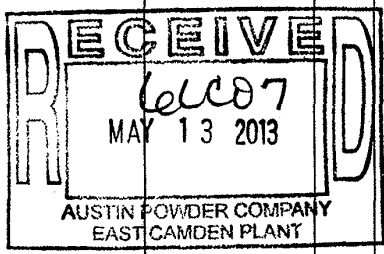
(Name of carrier)

TO: **Paramount Enterprises International, Inc**  
 Consignee: **Austin Powder CO.**  
 Street: **7-LC Blandy Road.**  
 City, State, Zip Code: **East Camden, AR 71701**

FROM: **Paramount Enterprises International, Inc**  
 Street: **6700 Chemin de La Grand Anse**  
 City, State, Zip Code: **Ville de La Baie, QC Canada**  
 1-800-424-9300 (CHEMTREC)  
 24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: 5236624 Seal Number: 820596

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
49 f/b bxs on 49 plts	X	<p><i>P121055</i> <i>grn # 231989</i></p> <p>UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122    Neq: 17,885 kgs <i>39,424 lbs</i></p> <p><i>Monica Keller</i> <i>Monica Keller 5/13/13</i> POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		



PLACARDS TENDERED: YES  NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"  
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 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Monica Keller* Signature

COD Amt: \$ _____

G.O.D. FEE: PREPAID  COLLECT  \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID except when box at right is checked  Check box if charges are to be collect

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment. Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: **Transport Nordique**

PER: *Monica Keller* PER: *S. Chouinard*

DATE: *3/5/13*

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA012

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Page 1 of 1

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49 f/b bxs on 49 plts	X	<b>UN0393, Hexotonal ( Torpex ),</b> <b>1.1D, PG II</b> <b>EX- 2005060122      Neq: 17,885 kgs</b>  <p style="text-align: center;">POC: Monica or Roger 870-574-0580</p>	Gwt: 42,670 Gwt: 19,355	lbs kgs		☐

PLACARDS TENDERED: YES  NO

**24 Hr Number and ERAP 2-1684-001 1-888-922-3330**

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

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*[Signature]* Signature

**COD** Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

G.O.D. FEE:  
PREPAID   
COLLECT  \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES

FREIGHT PREPAID  Check box if charges are to be collect  
except when box at right is checked

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: <b>Transport Nordique</b>
PER: <i>[Signature]</i>	PER: <i>[Signature]</i>
	DATE: <b>3/5/13</b>





Spreewerk Lübben GmbH  
Postfach 15 65, 15905 Lübben

**Explo Systems Inc.**  
1600 JAVA ROAD, CAMP Minden  
71055 Minden/LA  
USA

**Proforma-Invoice**

Date:	10.04.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu      KSt.-Nr.      KTr.-Nr.  
400020                      811

Contract N°:                      EX 4451 dated 11th December 2012  
Period of Performance:      April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
<p>Merchandise-N°: 36020000 Price: FAS Handling</p> <p><i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i></p>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

**NO ACCOUNTING  
ONLY FOR CUSTOMS PURPOSE**

TRANSPORT TFI 14, S.E.C.

**TFIQ00009716 1**

FILER CODE



*Broker notation.  
see attached letter  
150,380 kg = 331,528 lbs  
331,528 x \$1.151/lb = \$ 381,257.20 total  
9 trucks*

*17,885 kg = 39429 lbs x \$1.151/lb = \$ 45,343.35*

*Shipper No: GAEA D12*

**Spreewerk Lübben GmbH**  
Sitz: Börnichen 99, 15907 Lübben · Postadresse: Postfach 15 65, 15905 Lübben  
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270  
E-Mail: info@spreewerk.com · Internet: www.spreewerk.de  
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede  
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395  
Bankverbindung: Commerzbank AG, BLZ 650 400 00, Konto: 800 306 300

Ein Unternehmen  
der Spezialtechnik-Gruppe  
Oresden

Zertifiziert nach DIN EN ISO 9001  
Zertifiziert nach DIN EN ISO 14001  
Zertifiziert nach OHSAS 18001  
Zertifiziert nach EfbV

*PAPS TFIQ000097161*

# BEFORDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSsee (IMO-ERKLÄRUNG)

## TRANSPORT DOCUMENT FOR DANGEROUS GOODS

(IMO-DANGEROUS GOODS DECLARATION)

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4

This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address)  <b>Sprewerk Lübben GmbH</b> Börmichen 99 15907 Lübben		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee  <b>Explo Systems Inc.</b> 1702 Fourth Street 71055 Minden/USA		Beförderer Carrier	
<b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b> <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b> <b>ERKLÄRUNG</b> Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. <b>DECLARATION</b> It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. <b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b> <b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>		Container/Fahrzeug-Nr. Container/Vehicle-Nr.:	
		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben, Mr. Dusi</b>	
		Ort und Datum Place and date <b>Lübben, April 10, 2013</b>	
Schiffsname und Nummer der Reise Ship's name and voyage No.		Ladehafen Port of loading  <b>Papenburg</b>	
Löschhafen Port of discharge  <b>Grand Anse</b>		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder amtli. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages  <b>412 pallets                  = 412 fibre cartons</b>	Inhalt (richtiger technischer Name) * Proper Shipping Name (Correct technical name) *  <b>Torpex (Hexotonal)</b>
		Klasse/Unterklasse nach IMO IMO-Class  <b>1.1 D</b>	UN-Nr. UN-No.  <b>UN 0393</b>
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse · Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass ***  <b>Gross mass:                  162.740 kgs                  Net explosive mass:                  150.380 kgs</b>		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.	Eigenschaften/Properties Flammpunkt/Flashpoint ** <b>MARINE POLLUTANT **</b> Kontroll- und Notfalltemperatur ** Control- and emergency temperature **
		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed  Zutreffendes ankreuzen/insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; in diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE – ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich; *** Nur bei Stoffen der Klasse 1; • Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE – LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. ** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;			
<b>ZUSÄTZLICHE ANGABEN</b> Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). <b>ADDITIONAL INFORMATION</b> In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakatiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. <b>DECLARATION</b> I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben GmbH</b>  Ort und Datum Place and date <b>Lübben, April 10, 2013</b>  Unterschrift für den Versender Signature on behalf of shipper	
<b>IMO_Hexotonal_ExploUSA_10042013.XLS</b>			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51 88 93-0, Wuppertal (02 02) 60 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 43) 3 49 40, Hohenlocke (03 92 04) 54 47



DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-283-3352 Fax: 1-304-616-4401	LICENSE PERMIT NUMBER	5-LA-119-23-4A-00059
		EXPIRATION DATE	January 1, 2014

NAME	EXPLO SYSTEMS INC	Premises Address. CHANGES? You must notify the FELC at least 10 days before the mo	1600 JAVA RD MINDEN, LA 71055
------	-------------------	------------------------------------------------------------------------------------	----------------------------------

TYPE OF LICENSE OR PERMIT	23-IMPORTER OF HIGH EXPLOSIVES
---------------------------	--------------------------------

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves
---------------------------------------------------	-------------------------------------------------------

PURCHASING CERTIFICATION	Mailing Address. CHANGES? You must notify the FELC at least 10 days before the chan
I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.	EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055
<i>Wm Jay Wijk</i> (SIGNATURE OF LICENSEE/PERMITTEE)	

The licensee/permittee named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR part 555. The signature on each reproduction must be an ORIGINAL signature.

ATF F 5400.14/5400.15, Part 1 (8/89)



Explo Systems INC.  
1702 Fourth St.  
Minden LA, 71055

## MATERIAL SAFETY DATA SHEET

### SECTION 1

PRODUCT NAME: Hexatonal      DATE OF JSSUE: October 12, 2006  
DESCRIPTION: Explosive      Prepared by: Explo Systems, Inc.  
UN 0393  
US DOT PROPER SHIPPING NAME: Hexatonal or Torpex  
Packing Group II.  
SHIPPING CLASS/DIVISION: 1.1 D  
MANUFACTURER: EXPLO SYSTEMS INC.  
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A, and Canada)  
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

### SECTION II HAZARDOUS INGREDIENTS

CHEMICAL NAME	RDX
% by Weight	30-50%
Chemical Family	Organic Nitro Compound
CHEMICAL NAME:	2,4,6-TRINITROTOLUENE
COMMON NAME:	TNT
CHEMICAL FAMILY:	Organic Nitro Compound
CAS NO.: % BY	118-96-7
WEIGHT:	40-50%
CHEMICAL NAME	ALUMINUM
% By Weight	10-30%

### SECTION III PHYSICAL & CHEMICAL DATA

MELTING POINT:	176° F	DENSITY:	1.66 g/cm ³
VAPOR PRESSURE %		0.057 Mpa, 178° F	
VOLATILE, BY VOL:		N/A	



Page 2

VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Brown flakes or pieces, with bitter almond odor.

FLASH POINT: N/A  
EXTINGUISHING MEDIA: None  
SPECIAL FIRE FIGHTING PROCEDURES:  
Do not fight fires where TNT EXPLOSIVE is present Isolate area and evacuate personnel to a safe place.  
STABILITY: Stable  
UNUSUAL FIRE AND EXPLOSION HAZARD:  
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.  
INCOMPATIBILITY: No Data Applicable  
AUTO IGNITION TEMPERATURE: 570° F

#### SECTION V HEALTH HAZZARD DATA

##### EFFECTS OF OVER EXPOSURE:

EYES: SKIN:	Slightly Irritating Slightly
INHALATION:	Irritating TNT Is Toxic by
INGESTION:	Inhalation. TNT is Toxic by
	Ingestion.

#### SECTION VI EMERGENCY & FIRST AID PROCEDURES

EYES:	Flush with lukewarm water
SKIN:	Wash with soap and water
INHALATION:	If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.
INGESTION:	Induce vomiting immediately by giving two glasses of water and sticking finger down throat



Page 3

## SECTION VII SUGGESTED CONTROL PROCEDURES

RESPIRATORY PROTECTION      Wear filter respirator, avoid dusting by keeping wet when possible,  
VENTILATION:                      General ventilation with local exhaust in operation area.  
EYE PROTECTION:                Chemical Goggles  
SKIN PROTECTION:                Impervious Gloves

## SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN:              Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.  
WASTE DISPOSAL METHOD:        Consult an explosive expert for recommended method for destroying explosive materials.

## SECTION IX SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

Transport and storage must be in compliance with state regulations,

### OTHER PRECAUTIONS:

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- * All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

Pipeline and  
Hazardous Materials Safety  
Administration

The US Department of Transportation  
Competent Authority for the United States

**CLASSIFICATION OF EXPLOSIVES**

Based upon a request by Explo Systems, Inc., 1702 Fourth Street, Minden, LA, the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

**U.N. PROPER SHIPPING NAME AND NUMBER:**

Hexotonal, UN0393

**U.N. CLASSIFICATION CODE:** 1.1D

**REFERENCE NUMBER**

EX2005060122

**PRODUCT DESIGNATION/PART NUMBER**

ISL-Torpex (Hexotonal)

**NOTES:**

None

**DATED:** June 16, 2005

Approved by:

Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

Tracking No: 2005060125

Page 1 of 1

Load 14

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA021

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

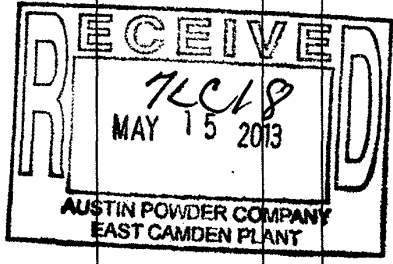
1-800-424-9300 (CHEMTREC)

City, State, Zip Code: East Camden, AR 71701

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: 374088 Trailer Number: 5236771 Seal Number: 820605

No. of Units & Container Type	HM	BASIC DESCRIPTION	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bx on 24 plts	X	<p>P121055 qrn# 232090</p> <p>UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2012091525      Neq: 18,000 kgs 39,683 lbs</p> <p><i>Monica Kelly 5/15/13</i> <i>Monica Kelly</i></p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES  NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*[Signature]* Signature

COD Amt: \$ _____

COD FEE: PREPAID  COLLECT  \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____  
(Signature of Consignor)

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, contained, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. If on its route, otherwise to deliver to an other carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

CARRIER: Transport Nordique

PER: *[Signature]*

PER: *[Signature]*

DATE: MAY 14, 2013



Load 14

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA021

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____

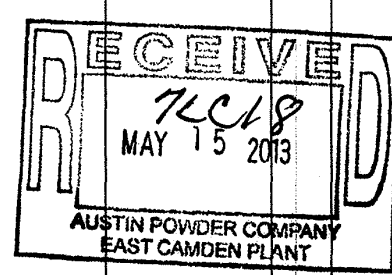
Vehicle Number: 374088

Trailer Number: 5236771

Seal Number: 820605

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2012091525      Neq: 18,000 kgs <u>39,683 lbs</u>	Gwt: 42,646 Gwt: 19,344	lbs kgs		

*Monica Kelly 5/15/13*  
*Monica Kelly*



PLACARDS TENDERED: YES  NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"  
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.  
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.  
*Char P. Dejean* Signature

<b>COD</b>	AMT: \$	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/>	\$
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.		<b>TOTAL CHARGES</b>	\$
(Signature of Consignor)		<b>FREIGHT CHARGES</b>	FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assignee.

SHIPPER: _____  
*Char P. Dejean*

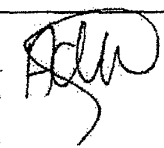
CARRIER: Transport Nordique  
PER: Ronel Dejean  
DATE: MAY 14, 2013

## IMO DANGEROUS GOODS DECLARATION

This form meets the requirement of SOLAS 74 chapter VII, regulation 5; MARPOL 73/78 ANNEX III, regulation 4 and IMDG CODE, Chapter 5.4, Part 5.4.1.8 Certification, section 9

Shipper Prva Iskra - Namenska a.d. Baricka reka bb 11504 Baric - Belgrade Republic of Serbia	Reference number(s) Sp.13038TC
Consignee EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Carrier Pol-Mare Sp. z o.o. Sp.k. ul. Partyzantów 35, 81-423 Gdynia Poland
Delivery EXPLO SYSTEMS INC 1600 Java Road Minden, LA71055 USA	Name/status, company/organization of signatory Prva Iskra - Namenska a.d.  Place and date Belgrade, 10,11,12 April 2013  Signature on behalf of packer According attached Multimodal Dangerous Goods Form
Ship's name and voyage No. Mv ANMARE, v.4042	Port of loading GDANSK
Port of discharge GRANDE ANSE, Canada	Instructions or other matter

Number and kind of packages, proper shipping name, IMO hazard class/division, UN number, EMS No.  <p style="text-align: center;"><b>UN 0209 TRINITROTOLUENE (TNT), dry or wetted with less than 30% water, by mass 1.1D</b></p> <p>Gross cargo weight - 214.941,0 kg                  Net explosive weight - 200.000,0 kg</p> <p>8000 cardboard boxes                  on 267 wooden pallets</p> <p>EMS F-B, S-Y</p>	Gross mass (kg.), net quantity/mass**	Goods delivered as: <input checked="" type="checkbox"/> Breakbulk cargo <input type="checkbox"/> Unitized cargo <input type="checkbox"/> Bulk packages <input type="checkbox"/> Type of unit (container, trailer, tank vehicle, etc.) Open <input type="checkbox"/> Closed Insert "X" in appropriate box  (This column may be left empty apart from the heading, in which case insert appropriate description)
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

SHIPPER DECLARATION I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name(s), and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.	Name/status, company/organization of signatory Pol-Mare Sp. z o.o. Sp.k.  Place and date Gdansk, 16 April 2013  Signature on behalf of shipper 
-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------



**EXPLO SYSTEMS, INC.**  
1702 Fourth Street  
Minden, LA 71055

**MATERIAL SAFETY DATA SHEET**

**SECTION 1**

---

PRODUCT NAME: TNT  
DESCRIPTION: Explosive  
UN 0209  
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene  
Packing Group II.  
SHIPPING CLASS/DIVISION: 1.1D  
MANUFACTURER: EXPLO SYSTEMS INC.  
EMERGENCY TELEPHONE NO.: 1-800-424-9300 (WITHIN U.S.A. and Canada)  
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

DATE OF ISSUE: November 7, 2001  
Prepared by: Explo Systems, Inc.

**SECTION II HAZARDOUS INGREDIENTS**

---

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE  
COMMON NAME: TNT  
CHEMICAL FAMILY: Organic Nitro Compound  
CAS NO.: 118-96-7  
% BY WEIGHT: 98-100

**SECTION III PHYSICAL & CHEMICAL DATA**

---

MELTING POINT: 176 ° F      DENSITY: 1.66 g/cm³  
VAPOR PRESSURE 0.057 Mpa, 178° F  
% VOLATILE, BY VOL: N/A  
VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

**EXPLO SYSTEMS, INC.**  
 1702 Fourth Street  
 Minden, LA 71055

**SECTION IV FIRE & EXPLOSION DATA**

---

**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** None  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
 Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.  
**STABILITY:** Stable  
**UNUSUAL FIRE AND EXPLOSION HAZARD:**  
 Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.  
**INCOMPATIBILITY:** No Data Applicable  
**AUTO IGNITION TEMPERATURE:** 570° F

**SECTION V HEALTH HAZARD DATA**

---

**EFFECTS OF OVER EXPOSURE:**  
**EYES:** Slightly Irritating  
**SKIN:** Slightly Irritating  
**INHALATION:** TNT is Toxic by Inhalation.  
**INGESTION:** TNT is Toxic by Ingestion.

**SECTION VI EMERGENCY & FIRST AID PROCEDURES**

---

**EYES:** Flush with lukewarm water  
**SKIN:** Wash with soap and water  
**INHALATION:** If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.  
**INGESTION:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat.

**SECTION VII SUGGESTED CONTROL PROCEDURES**

---

<b>RESPIRATORY PROTECTION</b>	Wear filter respirator, avoid dusting by keeping wet when possible.
<b>VENTILATION:</b>	General ventilation with local exhaust in operation area.
<b>EYE PROTECTION:</b>	Chemical Goggles
<b>SKIN PROTECTION:</b>	Impervious Gloves

**SECTION VIII SPILL OR LEAK PROCEDURES**

---

<b>STEPS TO BE TAKEN:</b>	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
<b>WASTE DISPOSAL METHOD:</b>	Consult an explosive expert for recommended method for destroying explosive materials.

**SECTION IX SPECIAL PRECAUTIONS**

---

**PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:**

Transport and storage must be in compliance with state regulations.

**OTHER PRECAUTIONS:**

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.



U.S. Department  
of Transportation

East Building, PHH - 32  
1200 New Jersey Avenue, Southeast  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

**The US Department of Transportation  
Competent Authority for the United States**

**CLASSIFICATION OF EXPLOSIVES**

Based upon a request by Prva Iskra Namenska AD, Baricka reka bb, 11 504 Baric, Srbija, Serbia the following items are classed in accordance with Section 173.56, Title 49, Code of Federal Regulations (49 CFR). A copy of your application, all supporting documentation and a copy of this approval must be retained and made available to DOT upon request.

**U.N. PROPER SHIPPING NAME AND NUMBER:**

Trinitrotoluene or TNT, dry or wetted with less than 30 percent water, by mass, UN0209

**U.N. CLASSIFICATION CODE:** 1.1D

**REFERENCE NUMBER**

EX2012091525

**PRODUCT DESIGNATION/PART NUMBER**

Recycled Trinitrotoluene or TNT

NOTES: Packaging Instruction 112(b) is assigned.

**DATED:** 11/09/2012

*Magdy El-Sibaie*

For Dr. Magdy El-Sibaie  
Associate Administrator for Hazardous Materials Safety

Tracking No: 2012090596

Page 1 of 1

Load 15

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA023

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

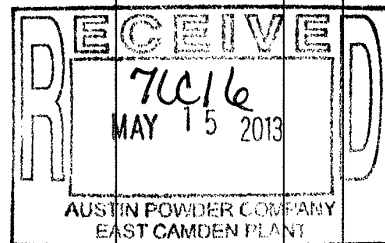
City, State, Zip Code: East Camden, AR

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820607

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	<p><i>P121055 Qrn # 232 105</i></p> <p>UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2012091525      Netq: 18,000 kgs <i>39,683 lbs</i></p> <p><i>Monica Kelly Monica Kelly 5/15/13</i></p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES  NO  24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Monica Kelly* Signature

COD Amt: \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:  
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

C.O.D. FEE: PREPAID  COLLECT  \$ _____

TOTAL CHARGES \$ _____

FREIGHT CHARGES: FREIGHT PREPAID  Check box if charges are to be collected

(Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any part, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his consignee.

SHIPPER: _____ CARRIER: Transport Nordique

PER: *Monica Kelly* _____ PER: *[Signature]* _____

DATE: 05/13/13

Load 15

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA023

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____

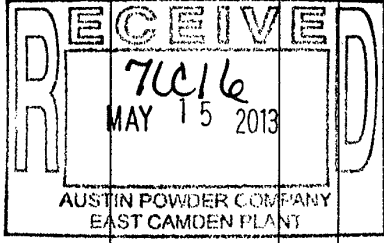
Vehicle Number: _____

Trailer Number: _____

Seal Number: 820607

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2012091525 Neq: 18,000 kgs 39,683 lbs	Gwt: 42,646 Gwt: 19,344	42,646 lbs 19,344 kgs		

*Monica Kelly*  
*Monica Kelly 5/15/13*



PLACARDS TENDERED: YES  NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."  
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper, and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.  
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 300, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Chas P Selge* Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$

COD FEE: PREPAID  COLLECT  \$

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$

FREIGHT CHARGES  
FREIGHT PREPAID except when box at right is checked  Check box if charges are to be collect

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

CARRIER: Transport Nordique

*Chas P Selge*

PER: _____

DATE: 09/13/13



# ARYUM

EXPLO SYSTEMS INC.  
1600 Java Road Minden  
LA 71055 USA  
P : 318-382-8700

## PROFORMA INVOICE

No : ARYUM/EXPLO/2013-1  
Date : 24.01.2013

DESCRIPTION	QUANTITY (TON)	UNIT PRICE (EUR/TON)	TOTAL PRICE (EUR)
TRINITROTOLUENE (TNT) FLAKES	200	1.500,00	300.000,00

Delivery term : FCA (free on truck) Beograd, Serbia  
Delivery time : until end of February  
Packing : The goods shall be packed in 20 kg airtight polyethylene bags, each bag shall be put in UN approved cardboard boxes, the boxes shall be stuffed on pallets and each pallet shall be stretched. In each pallet weight should be 500-600 kg  
Payment Term : Advance by bank transfer

TRANSPORT TFI 14, S.E.C.

TFIQ00009723 7

FILER CODE



ARYUM  
Makina Kimya ve Ticaret Limited Sirketi  
A. R. Santos

Broker notation

18.000 kg = 18 tons x \$ 1500.00 = \$ 27.000.00 EUR

Aryum Makina Kimya ve Ticaret Limited Sirketi

Atatürk Caddesi Serif Yazgan İş Merkezi No: 72/14; 34738 Kozyatağı - İstanbul / Türkiye  
Tel: +90.216.357 45 30 pbx Fax: +90.216.357 48 16; www.aryum.com; e-mail: aryum@aryum.com

Shipper No: GAM0023

PAPS TFI000097237



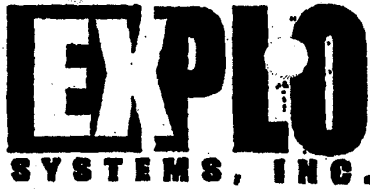
DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

**LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)**

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATF CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-266-3352, Fax: 1-304-616-4401	LICENSE PERMIT NUMBER	<b>5-LA-119-23-4A-00059</b>
		EXPIRATION DATE	<b>January 1, 2014</b>
NAME EXPLO SYSTEMS INC	Premises Address CHANGES? You must notify the FELC at least 10 days before the mo 1600 JAVA RD MINDEN, LA 71055		
TYPE OF LICENSE OR PERMIT 23-IMPORTER OF HIGH EXPLOSIVES			
CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC)	<i>Christopher R. Reeves</i> Christopher R. Reeves		
PURCHASING CERTIFICATION I certify that this is a true copy of a license/permit issued to me to engage in the activity specified.  <i>Wm. J. [Signature]</i> (SIGNATURE OF LICENSEE/PERMITTEE)	Mailing Address CHANGES? You must notify the FELC at least 10 days before the chan EXPLO SYSTEMS INC 1600 JAVA RD MINDEN, LA 71055		
The licensee/permittee, named herein shall use a reproduction of this license/permit to assist a transferor of explosives to verify the identity and status of the licensee/permittee as provided in 27 CFR Part 555. The signature on each reproduction must be an ORIGINAL signature			

ATF F 5400.14/5400.15, Part 1 (8/89)



**EXPLO SYSTEMS, INC.**  
1702 Fourth Street  
Minden, LA 71055

## **MATERIAL SAFETY DATA SHEET**

### **SECTION 1**

---

**PRODUCT NAME:** TNT  
**DESCRIPTION:** Explosive  
**UN 0209**  
**US DOT PROPER SHIPPING NAME:** TNT or Trinitrotoluene  
Packing Group II.  
**SHIPPING CLASS/DIVISION:** 1.1D  
**MANUFACTURER:** EXPLO SYSTEMS INC.  
**EMERGENCY TELEPHONE NO.:** 1-800-424-9300 (WITHIN U.S.A. and Canada)  
**CHEMTREC'S TELEPHONE NO.:** (703) 527-3887

**DATE OF ISSUE:** November 7, 2001  
**Prepared by:** Explo Systems, Inc.

### **SECTION II HAZARDOUS INGREDIENTS**

---

**CHEMICAL NAME:** 2, 4, 6-TRINITROTOLUENE  
**COMMON NAME:** TNT  
**CHEMICAL FAMILY:** Organic Nitro Compound  
**CAS NO.:** 118-96-7  
**% BY WEIGHT:** 98-100

### **SECTION III PHYSICAL & CHEMICAL DATA**

---

**MELTING POINT:** 176 ° F  
**DENSITY:** 1.66 g/cm³  
**VAPOR PRESSURE** 0.057 Mpa, 178° F  
**% VOLATILE, BY VOL:** N/A  
**VAPOR DENSITY:** N/A  
**EVAPORATION RATE:** N/A  
**SOLUBILITY IN WATER:** Insoluble  
**APPEARANCE AND ODOR:** Yellow flakes, with bitter almond odor.

**EXPLO SYSTEMS, INC.**  
1702 Fourth Street  
Minden, LA 71055

**SECTION IV FIRE & EXPLOSION DATA**

---

**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** None  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.  
**STABILITY:** Stable  
**UNUSUAL FIRE AND EXPLOSION HAZARD:**  
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.  
**INCOMPATIBILITY:** No Data Applicable  
**AUTO IGNITION TEMPERATURE:** 570° F

**SECTION V HEALTH HAZARD DATA**

---

**EFFECTS OF OVER EXPOSURE:**  
**EYES:** Slightly Irritating  
**SKIN:** Slightly Irritating  
**INHALATION:** TNT is Toxic by Inhalation.  
**INGESTION:** TNT is Toxic by Ingestion.

**SECTION VI EMERGENCY & FIRST AID PROCEDURES**

---

**EYES:** Flush with lukewarm water  
**SKIN:** Wash with soap and water  
**INHALATION:** If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.  
**INGESTION:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat.



# Load 16

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA015-1

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:  
Consignee: Austin Powder CO.

FROM:  
Shipper: Paramount Enterprises International, Inc

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

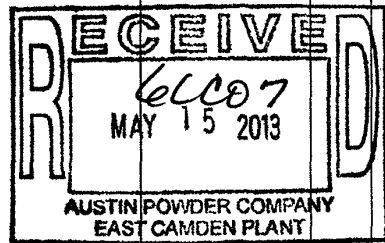
City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820599**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
20 f/b bxs on 20 plts	X	<p><i>p121055</i> <i>232107</i></p> <p>UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 7,300 kgs <i>16,094 lbs</i></p> <p><i>Monica Kelly</i> <i>Monica Kelly 3/15/2013</i></p> <p>POC: Monica or Roger 870-574-0580</p>	<p>Gwt: 17,416 Gwt: 7,900</p>	<p>17,416 lbs 7,900 kgs</p>		



PLACARDS TENDERED: YES  NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

<p>Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____."</p> <p>(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.</p> <p>(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.</p>	<p>I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/picarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</p> <p><i>Monica Kelly</i> Signature</p>	<p>C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$</p>
	<p>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</p> <p>(Signature of Consignor)</p>	<p>TOTAL CHARGES \$</p> <p>FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect</p>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination. If en route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER:	CARRIER: Transport Nordique
PER: <i>Monica Kelly</i>	PER:
	DATE:

# Load 16

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA015-1

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

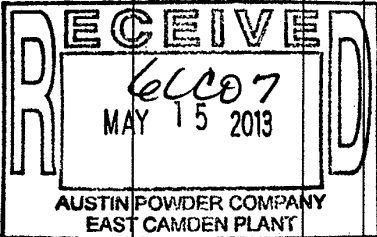
Date _____

(Name of carrier)

TO:  
Consignee: Austin Powder CO.  
Street: 7-LC Blandy Road  
City, State, Zip Code: East Camden, AR 71701

FROM:  
Shipper: Paramount Enterprises International, Inc  
Street: 6700 Chemin de La Grand Anse  
City, State, Zip Code: Ville de La Baie, QC Canada  
1-800-424-9300 (CHEMTREC)  
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820599**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name, UN or NA Number, Packing Group or Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
20 f/b bxs on 20 plts	X	UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 7,300 kgs	Gwt: 17,416 Gwt: 7,900	lbs kgs		
		<p><i>Monica Kelly</i> <i>Monica Kelly 5/15/2013</i></p> <p>POC: Monica or Roger 870-574-0580</p>				

PLACARDS TENDERED: YES  NO

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

Note -- (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"  
(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC item 172.  
(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.  
*Chas P. Selge* Signature

COD Amt: \$ _____  
C.O.D. FEE: PREPAID  COLLECT  \$ _____  
TOTAL CHARGES \$ _____  
FREIGHT CHARGES: FREIGHT PREPAID  except when box at right is checked  Check box if charges are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: Transport Nordique  
PER: *Chas P. Selge* PER: _____  
DATE: _____

**Customs invoice 20130322-1**

Date of issue:  
22.3.2013.  
Number of order:  
Aryum/Explosia-2011/1  
Number of customer:  
1400773  
Sales office 8810  
Executed by Lucie Holubová  
Phone +420 466 82 5331  
Fax +420 466 82 2939  
E-mail [Lucie.holubova@explosia.cz](mailto:Lucie.holubova@explosia.cz)

Buyer: ARYUM MAKINE KIMYA VE TICARET  
LIMITED SIRKETI  
Atatürk Cad. Seref Yazgan Is Mer. No:72  
Kat: 5, 347 36 Kozyatagi-Istanbul  
TURKEY

Consignee: EXPLO SYSTEMS INC.  
1600 Java Road  
170 55 Minden  
USA

**FOR CUSTOM PURPOSE ONLY**

Delivery conditions FOB Gdansk Currency EUR  
Gross mass 17 105 kg Net mass 16 000 kg

**Product:**

TNT 16 000 kg price 879 EUR/t total value 14 064 EUR

**Note:**

This price is without VAT

TRANSPORT TFI 14, S.E.C.

TFIQ00009727 8

FILER CODE



Signature:

Broker notation

$$10.204 \text{ kg} = 10.204 \text{ ton} \times 879.00 = 8969.32 \text{ EUR}$$

Shipper No: GAEA 015-2

PAPS TFIQ0000 97286

Inv 1 pg 1



78

1455287

# BCS/BREL RELEASE



78 1455287

## BUF/CHAMPLAIN

1455287

78

1455287

78

<b>RELEASE:</b>	<b>ENTRY:</b>
Station _____	Team _____
Initials _____	Initials _____
Date _____	Date _____
Pkgs _____	Autobill _____
Wgt _____	
Carrier _____	



336-1455287-9

DHL Global Forwarding  
181 Cooper Avenue, Suite 112  
Tonawanda, NY 14150  
(716) 877-3982

403415

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA015-1  
Carrier No. _____  
Date _____

Page 1 of 1 TRANSPORT NORDIQUE  
(Name of carrier)

TO: **Consignee: Austin Powder CO.**  
Street: **7-LC Blandy Road**  
City, State, Zip Code: **East Camden, AR 71701**

FROM: **Shipper: Paramount Enterprises International, Inc**  
Street: **6700 Chemin de La Grand Anse**  
City, State, Zip Code: **Ville de La Baie, QC Canada**  
24 Hr. Emergency Contact Tel. No.: **1-800-424-9300 (CHEMTREC)**  
**USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: **820599**

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class, UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Condition)	RATE	CHARGES (For Carrier Use Only)
20 f/b bxs on 20 pils	X	UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 7,300 kgs	Gwt: Gwt:	17,416 7,900	lbs kgs	
POC: Monica or Roger 870-574-0580						

TRANSPORT TFI 14, S.E.C. **TFIQ00009727 8**  FILER CODE

TRANSPORT TFI 14, S.E.C. **TFIQ00009727 8**  FILER CODE

TRANSPORT TFI 14, S.E.C. **TFIQ00009727 8**  FILER CODE

**PLACARDS TENDERED: YES  NO**

**24 Hr Number and ERAP 2-1684-001 1-888-822-3330**

**COD** Amt: \$ _____

**COD FEE** PREPAID  COLLECT

**TOTAL CHARGES** \$ _____

**FREIGHT CHARGES** FREIGHT PREPAID  CHECK FOR DAMAGES

*Signature: [Handwritten Signature]*

RECEIVED: subject to the conditions and terms to which the date of issue of this Bill of Lading, the property described herein is received in good order, except as noted (contents and condition of packages indicated, unless otherwise stated) and delivered in accordance with the terms of the contract of carriage. The carrier shall not be liable for loss or damage to the property described herein unless it is shown that the loss or damage resulted from the negligence or active fault of the carrier or its servants or agents.

**SHIPPER:** _____ **CARRIER: Transport Nordique**

**PER:** *[Handwritten Signature]* **PER:** _____

**DATE:** _____



Sprewerk Lübben GmbH  
Postfach 15 65, 15905 Lübben

**Explo Systems Inc.**  
**1600 JAVA ROAD, CAMP Minden**  
**71055 Minden/LA**  
**USA**

**Proforma-Invoice**

Date:	10.04.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu	KSt.-Nr.	KTr.-Nr.
400020	811	

Contract N°: EX 4451 dated 11th December 2012  
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs	Torpex (Hexotonal)	1,00
Merchandise-N°: 36020000 Price: FAS Handling			
<i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i>			

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

**NO ACCOUNTING  
ONLY FOR CUSTOMS PURPOSE**

Broker notation:

See attached letter

150380 kg = 331,528 lbs

331,528 x \$1.15/lb = \$ 381,257.20 total

9 trucks

7300 kg = 16094 lbs x \$1.15/lb = \$ 18,508.10

Shipper No: GAEA 015-1

**Sprewerk Lübben GmbH**  
Sitz: Börnichen 99, 15907 Lübben - Postadresse: Postfach 15 65, 15905 Lübben  
Telefon: +49 35 46 28-0 - Fax: +49 35 46 28-270  
E-Mail: info@sprewerk.com - Internet: www.sprewerk.de  
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Cert von Wickede  
Handelsregister: Amtsgericht Cottbus, HRB 0151 - Ust-Id-Nr.: DE 138 858 395  
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300.

✦ Ein Unternehmen  
der Spezialtechnik-Gruppe  
Dresden

Zertifiziert nach DIN EN ISO 9001  
Zertifiziert nach DIN EN ISO 14001  
Zertifiziert nach OHSAS 18001  
Zertifiziert nach EFBV

PAPS TFIQ000097278

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA015-1

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

TO:  
Consignee: **Austin Powder CO.**

FROM:  
Shipper: **Paramount Enterprises International, Inc**

Street: **7-LC Blandy Road**

Street: **6700 Chemin de La Grand Anse**

City, State, Zip Code: **East Camden, AR 71701**

City, State, Zip Code: **Ville de La Baie, QC, Canada**

**1-800-424-9300 (CHEMTREC)**

24 hr. Emergency Contact Tel. No.: **USA Customer No: 16745**

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: _____

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Proper Shipping Name or UN or NA Number, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
20 f/b bxes on 20 plts	X	UN0393, Hexotonal ( Torpex ), 1.1D, PG II EX- 2005060122      Neq: 7,300 kgs  POC: Monica or Roger 870-574-0580	Gwt: Gwt:	17,416 7,900	lbs kgs	

**PLACARDS TENDERED: YES  NO**

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NACM Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowage must be so marked and packaged as to ensure safe transportation. See Section 2(a) of Item 300, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Chas P Selge* Signature

**24 Hr Number and ERAP 2-1684-001 1-888-922-3330**

<b>COD</b> Amt: \$ _____	C.O.D. FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$ _____
<small>Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.</small>	<b>TOTAL CHARGES</b> \$ _____
<small>(Signature of Consignor)</small>	<b>FREIGHT CHARGES</b> FREIGHT PREPAID <input type="checkbox"/> Check box if charges are to be collect except when box is right is checked <input type="checkbox"/>

RECEIVED, subject to the conditions and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (excepts and condition of packages unnumbered, marked, consigned, and delivered as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or persons in possession of the property under the contract) agrees to carry to the next place of delivery of said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any period of said route to

condition and as to each party of any time interested in all or any said property, but every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

<b>SHIPPER:</b>	<b>CARRIER: Transport Nordique</b>
PER: <i>Chas P Selge</i>	PER: _____
DATE: _____	DATE: _____



Spreerwerk Lütben GmbH  
Postfach 15 65, 15905 Lütben

**Explo Systems Inc.**  
**1600 JAVA ROAD, CAMP Minden**  
**71055 Minden/LA**  
**USA**

**Proforma-Invoice**

Date:	10.04.2013
Customer-N°:	165070
Our Ref.:	Metzner
Phone:	++49-3546-28259
our VAT-N°:	DE 138 858 395

Konto Fibu      KSt.-Nr.      KTr.-Nr.  
400020                      811

Contract N°:                      EX 4451 dated 11th December 2012  
Period of Performance: April 2013

We have invoiced your order:

1	150.380 kgs Torpex (Hexotonal)	1,00
<p>Merchandise-N°: 36020000 Price: FAS Handling</p> <p><i>After receiving please send us the DELIVERY VERIFICATION CERTIFICATES for the invoiced positions!</i></p>		

Net Value:	1,00
VAT:	0,00
Gross Value:	1,00

**NO ACCOUNTING  
ONLY FOR CUSTOMS PURPOSE**

Bücher notation. (MASTER LISTING)

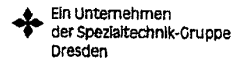
See attached letter

150.380 kg = 331,528 lbs  
331,528 x \$1.15/lb = \$381,257.20 total  
9 trucks

336-1455287-9 7300 kg \$18508.10  
336-1455288-7 17885kg 45343.35  
336-1455289-5 17885kg 45343.35  
336-1455290-3 17885kg 45343.35  
336-1455291-1 17885kg 45343.35

336-1455292-9 17885kg \$45343.35  
336-1455293-7 17885kg 45343.35  
336-1455294-5 17885kg 45343.35  
336-1455295-2 17885kg 45343.35

**Spreerwerk Lütben GmbH**  
Sitz: Börnichen 99, 15907 Lütben · Postadresse: Postfach 15 65, 15905 Lütben  
Telefon: +49 35 46 28-0 · Fax: +49 35 46 28-270  
E-Mail: info@spreerwerk.com · Internet: www.spreerwerk.de  
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede  
Handelsregister: Amtsgericht Cottbus, HRB 0151 · Ust-Id-Nr.: DE 138 858 395  
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300.



Ein Unternehmen  
der Spezialtechnik-Gruppe  
Dresden

Zertifiziert nach DIN EN ISO 9001  
Zertifiziert nach DIN EN ISO 14001  
Zertifiziert nach OHSAS 18001  
Zertifiziert nach EFB

The goods and instructions are accepted and dealt with subject to the Standard Conditions printed overleaf.

Shipper <b>SPREWERK LUEBBEN GMBH</b> <b>LUEBBEN GMBH</b> <b>BÖRNICHEN 99</b> <b>DE-15907 LUEBBEN</b>	<div style="border: 1px solid black; padding: 5px; display: inline-block;"> <b>CBL</b>  <b>Combined Transport</b>  <b>BILL OF LADING</b> </div> <div style="border: 1px solid black; padding: 5px; display: inline-block; margin-left: 20px;"> <b>CBL No./Ref. No.</b>  <b>03304205</b> </div>										
Consigned to order of <b>EXPLO SYSTEMS INC.</b> <b>1702 FOURTH STREET</b> <b>MINDEN, LA 71055</b> <b>USA</b>	<div style="font-size: 2em; font-weight: bold; margin-bottom: 10px;">Sealift</div> <div style="font-weight: bold; margin-bottom: 5px;">Scandinavian Sealift AB</div> <div>P.O. Box 1238 * SE-701 12 Örebro * Sweden</div> <div>Phone +46-19 174 640 * Telefax +46-19 174 649</div>										
Notify address											
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Precarrier</td> <td style="width: 50%; border-bottom: 1px solid black;">Place of Receipt</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Ocean Vessel</td> <td style="border-bottom: 1px solid black;">Port of Loading</td> </tr> <tr> <td style="border-bottom: 1px solid black;"><b>M/V "ANMARE"</b></td> <td style="border-bottom: 1px solid black;"><b>PAPENBURG/DE</b></td> </tr> <tr> <td style="border-bottom: 1px solid black;">Port of Discharge</td> <td style="border-bottom: 1px solid black;">Place of Delivery</td> </tr> <tr> <td style="border-bottom: 1px solid black;"><b>GRANDE ANSE, QC MINDEN, LA</b></td> <td style="border-bottom: 1px solid black;"><b>LA</b></td> </tr> </table>		Precarrier	Place of Receipt	Ocean Vessel	Port of Loading	<b>M/V "ANMARE"</b>	<b>PAPENBURG/DE</b>	Port of Discharge	Place of Delivery	<b>GRANDE ANSE, QC MINDEN, LA</b>	<b>LA</b>
Precarrier		Place of Receipt									
Ocean Vessel	Port of Loading										
<b>M/V "ANMARE"</b>	<b>PAPENBURG/DE</b>										
Port of Discharge	Place of Delivery										
<b>GRANDE ANSE, QC MINDEN, LA</b>	<b>LA</b>										

Marks and numbers	Number	and kind of packages: Description of goods	Grossweight	Measurement
<b>FULLY ADDR</b> <b>CONTRACT #</b> <b>EX 4451</b>	412	PLT S.T.C. 412 F/B BOXES UN 0393, HEXOTONAL (TORPEX) CL 1.1D, EMS: F-B S-Y N.E.Q.: 150380 KGS	162740	
<b>CONTRACT # -</b> <b>EX-4486</b>	62	PLT S.T.C. 727 F/B BOXES UN 0209, TRINITROTOLUENE (TNT) CL 1.1D, EMS: F-B S-Y N.E.Q.: 15982 KGS	17830	

## FREIGHT PAYABLE AT DESTINATION

According to the declaration of the merchant. Cargo insurance not covered through the undersigned.	Shipper's Declared Value: \$ ..... If Shipper enters a value, Carrier's \$500.-/package limitation pursuant to §4 (5) of US COGSA 1936 does not apply, and an Ad Valorem rate will be charged.
Freight amount	Received for shipment at the port of place first mentioned above including if hereby applicable pre-carriage to the sea terminal at the port of loading of the overseas vessel the above mentioned goods in apparent good order and condition unless otherwise stated and to be carried to and delivered at the sea terminal at the port of discharge of the overseas vessel or if so provided for at the final destination named above. Weight, measure, marks, numbers, quality, contents and value as declared by the Shipper but unknown by the Carrier. In accepting this Bill of Lading the Merchant expressly accepts and agrees to all its stipulations, exceptions and conditions, on both pages, whether written, printed, stamped or otherwise incorporated as fully as if they were all signed by the Merchant. One of the Bills of Lading must be surrendered duly endorsed in exchange for the goods or delivery order. In WITNESS whereof 3 original Bills of Lading all of this tenor and date have been signed in the number stated above, one of which being accomplished the other(s) to be void.

For delivery of goods please apply to:  <b>PARAMOUNT ENTERPRISES</b> <b>EXTON, PA 19341, USA</b> <b>PH # 610 524 7525</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Freight payable at</td> <td style="padding: 2px;"><b>DESTINATION</b></td> </tr> <tr> <td style="padding: 2px;">Number of Original CBL's</td> <td style="padding: 2px;">--</td> </tr> </table>	Freight payable at	<b>DESTINATION</b>	Number of Original CBL's	--	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Place and date of issue</td> <td style="padding: 2px;"><b>OREBRO/SE</b></td> <td style="padding: 2px;"><b>2013-04-13</b></td> </tr> <tr> <td style="padding: 2px;">Signed for the Carrier</td> <td colspan="2" style="padding: 2px;"></td> </tr> </table>	Place and date of issue	<b>OREBRO/SE</b>	<b>2013-04-13</b>	Signed for the Carrier		
Freight payable at	<b>DESTINATION</b>											
Number of Original CBL's	--											
Place and date of issue	<b>OREBRO/SE</b>	<b>2013-04-13</b>										
Signed for the Carrier												

COPY  
NOT NEGOTIABLE

# BEFÖRDERUNGSDOKUMENT FÜR GEFAHRLICHE GÜTER

nach §8 GGVSsee (IMO-ERKLÄRUNG)  
**TRANSPORT DOCUMENT FOR DANGEROUS GOODS**  
**(IMO-DANGEROUS GOODS DECLARATION)**

Dieses Formular entspricht SOLAS 74, Kapitel VII Regel 4; MARPOL 73/78, Anlage III, Regel 4 und dem IMDG-Code, Kapitel 5.4  
 This form meets the requirements of SOLAS 74, chapter VII regulation 4; MARPOL 73/78, Annex III, regulation 4 and the IMDG-Code, Chapter 5.4

Versender (Name & Anschrift) Shipper (Name & Address)  <b>Sprewerk Lübben GmbH</b> <b>Börnichen 99</b> <b>15907 Lübben</b>		Buchungsnummer(n) Reference number(s)	
Empfänger Consignee  <b>Explo Systems Inc.</b> <b>1702 Fourth Street</b> <b>71055 Minden/USA</b>		Beförderer Carrier	
<b>CONTAINER/FAHRZEUG-PACKZERTIFIKAT</b> <b>CONTAINER/VEHICLE PACKING CERTIFICATE</b> <b>ERKLÄRUNG</b> Es wird erklärt, dass das Packen der gefährlichen Güter in die oder auf die Beförderungseinheit gem. den Bestimmungen nach 5.4.2.1 durchgeführt wurde. <b>DECLARATION</b> It is declared that the packing of the goods into the cargo transport unit has been carried out in accordance with the provisions of 5.4.2.1. <b>AUSFÜLLEN FÜR SENDUNGEN IN CONTAINERN ODER FAHRZEUGEN</b> <b>TO BE COMPLETED FOR SHIPMENTS IN CONTAINERS OR VEHICLES</b>		Container-/Fahrzeug-Nr.: Container/Vehicle-Nr.:  Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben, Mr. Dusi</b>	
Schiffname und Nummer der Reise Ship's name and voyage No.  <b>MS "Anmare"</b>		Ort und Datum Place and date <b>Lübben, April 10, 2013</b> Unterschrift für den Packen Signature on behalf of packer 	
Ladehafen Port of loading  <b>Papenburg</b>		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Ladeort Port of discharge  <b>Grand Area</b>		(Frei für Text, Anweisungen und sonstige Angaben) (Reserved for text, instructions or other matter)	
Markierung der Versandstücke Falls zutreffend, Identifikations-Nummer oder ämtl. Kennzeichen Marks & Nos, if applicable, identification or registration number(s) of the Unit		Anzahl und Verp.-Art No. and kind of packages  <b>412 pallets</b> <b>= 412 fibre cartons</b>	
Inhalt (richtiger technischer Name) Proper Shipping Name (Correct technical name)  <b>Torpex (Hexotonal)</b>		Klasse/Unterklasse nach IMO IMO-Class  <b>1.1 D UN 0393</b>	
Bruttomenge (Volumen/Masse) Gross quantity (volume/mass) Nettomenge/Volumen/Masse · Net quantity/volume/mass Netto Explosivstoffmasse *** Net explosive mass ***  <b>Gross mass:</b> <b>162.740 kgs</b> <b>Net explosive mass:</b> <b>150.380 kgs</b>		Merkblatt-Nr. für Unfall-Maßnahmen EmS No.  <b>MARINE POLLUTANT **</b> Kontroll- und Notfalltemperatur ** Control- and emergency temperature **	
* Marken- oder Handelsnamen allein sind nicht ausreichend. Falls zutreffend: (1) das Wort „ABFALL“ vor den Namen setzen; (2) „LEER UNGEREINIGT“ oder „RÜCKSTÄNDE - ZULETZT ENTHALTEN“ hinzufügen; (3) „BEGRENZTE MENGE“ hinzufügen. ** Falls nach Kapitel 5.4 IMDG-Code erforderlich: *** Nur bei Stoffen der Klasse 1; *** Proprietary/trade names alone are not sufficient. If applicable: (1) the word "WASTE" should precede the name; (2) "EMPTY UNCLEANED" or "RESIDUE - LAST CONTAINED" should be added; (3) "LIMITED QUANTITY" should be added. *** When required in chapter 5.4 of the IMDG-Code; *** Class 1 only;		Güter angeliefert als/Goods delivered as: <input type="checkbox"/> Stückgut/Breakbulk cargo <input type="checkbox"/> Ladungseinheiten (Unit Loads) Unitized cargo <input type="checkbox"/> Bulkverpackungen/Bulk packages Art der Einheit (Container, Anhänger, Tank, Fahrzeug usw.) Type of unit (container, trailer, tank, vehicle etc.) <input type="checkbox"/> offen/open <input type="checkbox"/> geschlossen/closed Zutreffendes ankreuzen/Insert "X" in appropriate box (Diese Spalte kann bis auf die Überschrift freigelassen werden; In diesem Fall ist die zutreffende Beschreibung einzusetzen.) (This column may be left empty apart from the heading, in which case insert appropriate description.)	
ZUSÄTZLICHE ANGABEN Unter bestimmten Bedingungen sind besondere Angaben/Bescheinigungen erforderlich; siehe IMDG-Code, Kapitel 5.4 (siehe Rückseite). <b>ADDITIONAL INFORMATION</b> In certain circumstances special information/certificates are required, see IMDG-Code, chapter 5.4 (see backside).			
ERKLÄRUNG Hiermit erkläre ich, dass der Inhalt dieser Sendung mit dem (den) richtigen technischen Namen vollständig und genau bezeichnet ist. Die Güter sind nach den geltenden internationalen und nationalen Vorschriften klassifiziert, verpackt, beschriftet und gekennzeichnet/plakettiert und befinden sich in jeder Hinsicht in einem für die Beförderung geeigneten Zustand. <b>DECLARATION</b> I hereby declare that the contents of this consignment are fully and accurately described by the Proper Shipping Name, and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to the applicable international and national governmental regulations.		Name/Funktion, Unternehmen/Organisation des Unterzeichners Name/status, company/organization of signatory  <b>Sprewerk Lübben GmbH</b>  Ort und Datum Place and date <b>Lübben, April 10, 2013</b> Unterschrift für den Versender Signature on behalf of shipper 	
IMO_Hexotonal_ExploUSA_10042013.XLS			

Order No.: 299

07/04

Formularverlag CW Niemeyer, Hameln (0 51 51 98 93-0, Wuppertal (02 02) 50 20 31, Frankfurt (0 69) 69 71 17-0, Weil der Stadt (0 71 43) 3 49 40, Hohendodeleben (03 92 04) 54 47



Spreewerk Lützen GmbH  
Postfach 1565, 15905 Lützen

Explo Systems Inc.  
1702 Fourth Street  
71055 Minden  
USA

April 8th, 2013

## DECLARATION

WE HEREBY DECLARE THAT THE WOODEN PACKING MATERIALS IS  
TOTALLY FREE FROM BARK AND APPARENTLY FREE FROM LIVE PLANT  
PESTS.

*Spreewerk Lützen GmbH*

H.-J. Dusi  
Logistics Manager

Spreewerk Lützen GmbH  
Sitz: Börnichen 99, 15907 Lützen · Postadresse: Postfach 1565, 15905 Lützen  
Telefon: +49 3546 28-0 · Fax: +49 3546 28-270  
E-Mail: [info@spreewerk.com](mailto:info@spreewerk.com) · Internet: [www.spreewerk.com](http://www.spreewerk.com); [www.demil.com](http://www.demil.com)  
Geschäftsführer: Linden Blue, Dr. Wolfgang Petzold, Dr. Gert von Wickede,  
Handelsregister: Amtsgericht Cottbus, HRB 0151 · USt-ID: DE138858395  
Bankverbindung: Commerzbank AG, BLZ 850 400 00, Konto: 800 306 300

Ein Unternehmen  
der Spezialtechnik-Gruppe  
Dresden

Zertifiziert nach DIN EN ISO 9001  
Zertifiziert nach DIN EN ISO 14001  
Zertifiziert nach OHSAS 18001  
Zertifiziert nach EtoV





April 24, 2013

DHL Global Forwarding  
2660 20th Street  
Huron, MI 48060

Dear Mary:

The Torpex Material that are importing from Germany on the MV Anmare was sold to us by Spreewerk Lubben, GmbH in Germany in a "To be processed" state hence the \$1.00 purchase price for the entire shipment. The cost of freight and the cost for us to process the material in Louisiana are very close to the selling price for the finished product plus a small profit. The commercial value after processing in Louisiana and with the freight cost is \$1.15 per pound delivered to the final destination.

Spreewerk Lubben in German does not have the equipment necessary to process the Torpex in a form that it can be used by end users in the United States. Explo Systems is the only company in the United States that has the equipment necessary to process this material.

The commercial transaction between Spreewerk and Explo Systems is an "Arm's Length" transaction and no additional funds or consideration is involved in this transaction.

Hope that this information is helpful for your discussions with US Customs concerning our shipment.

Sincerely,

A handwritten signature in black ink, appearing to read "David A. Smith".

David A. Smith, PE  
[davidasmith@explosystems.com](mailto:davidasmith@explosystems.com)

---

1600 Java Road • Minden, LA 71055 • Phone (318) 382-8700 • Fax (318) 382-8434

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DEPARTMENT OF THE TREASURY - BUREAU OF ALCOHOL, TOBACCO AND FIREARMS

LICENSE/PERMIT (18 U.S.C. CHAPTER 40, EXPLOSIVES)

In accordance with the provisions of Title XI, Organized Crime Control Act of 1970, and the regulations issued thereunder (27 CFR Part 555) you may engage in the activity specified in this license/permit within the limitations of Chapter 40, Title 18, United States Code and the regulations issued thereunder, until the expiration date shown. See "WARNING" and "NOTICES" on back.

DIRECT ATTORNEY CORRESPONDENCE TO:	Christopher R. Reeves Chief, Federal Explosives Licensing Center (FELC) Bureau of Alcohol, Tobacco, Firearms and Explosives 244 Needy Road Martinsburg, West Virginia 25405 Telephone: 1-877-25-3332, Fax: 1-304-525-4401	License Number: <b>5-LA-119-23-4A-00059</b>	Expiration Date: <b>January 1, 2014</b>
---------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------	--------------------------------------------

NAME: <b>EXPLO SYSTEMS INC</b>	Premises Address: (CHANGES? You must notify the FELC at least 10 days before the mo <b>1600 JAVA RD          MINDEN, LA 71055</b>
-----------------------------------	------------------------------------------------------------------------------------------------------------------------------------------

TYPE OF LICENSE OR PERMIT: <b>23-IMPORTER OF HIGH EXPLOSIVES</b>	
---------------------------------------------------------------------	--

CHIEF, FEDERAL EXPLOSIVES LICENSING CENTER (FELC): <i>Christopher R. Reeves</i> Christopher R. Reeves	Mailing Address: (CHANGES? You must notify the FELC at least 10 days before the chan <b>EXPLO SYSTEMS INC          1600 JAVA RD          MINDEN, LA 71055</b>
-------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

PURCHASING CERTIFICATION: I certify that this is a true copy of a license/permit issued to me to engage in the activity specified. <i>Walter J. [Signature]</i> (SIGNATURE OF LICENSEE/PERMITTEE)	Mailing Address: (CHANGES? You must notify the FELC at least 10 days before the chan <b>EXPLO SYSTEMS INC          1600 JAVA RD          MINDEN, LA 71055</b>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------

The license/permittee named herein shall use a responsible person or persons licensed/permited to assist in the handling of explosives in accordance with the provisions of the Organized Crime Control Act of 1970, Title 18, United States Code and the regulations issued thereunder.  
 The signature on each reproduction must be an ORIGINAL signature.

**Danielle Blake (DHL US)**

---

**From:** Mary Matthews (DHL US)  
**Sent:** Wednesday, May 01, 2013 3:47 PM  
**To:** Heather McElroy (DHL US); Danielle Blake (DHL US)  
**Cc:** davidalansmith@bellsouth.net; Sandy Keough (sandy@peiship.com)  
**Subject:** FW: MV: Anmare V:4042 Customs Explo Systems-Spreewerk Germany Cargo  
**Attachments:** DVC'S Germany cargo.pdf

COO is Germany per David Smith

Regards,

**Mary M. Matthews**  
Inside Sales Executive  
First Choice Advisor

**DHL Global Forwarding**  
2660 20th Street  
Port Huron, MI 48060  
United States

Phone + 1 810 987 8966  
Direct + 1 810 987 0540  
Fax + 1 810 990 1182

[Mary.Matthews@dhl.com](mailto:Mary.Matthews@dhl.com)  
[www.dhl-dgf.com](http://www.dhl-dgf.com)

---

**From:** info@peiship.com [mailto:info@peiship.com]  
**Sent:** Wednesday, April 24, 2013 10:02 AM  
**To:** Mary Matthews (DHL US); Danielle Blake (DHL US); Heather McElroy (DHL US)  
**Cc:** 'David Smith'  
**Subject:** RE: MV: Anmare V:4042 Customs Explo Systems-Spreewerk Germany Cargo

Good Morning All,

Please find the attached DVC's for the below mentioned loads.

David, thanks for your kind response yesterday on the import certificate numbers for all cargo...pls note the ICC # 13-EX-004 used for ISL cargo as noted.

Thanks,  
Sandy  
Office Phone: 610-524-7525

**CONFIDENTIALITY NOTICE:** This email is intended solely for the use of the individual or entity to which it is addressed and may contain information that is privileged and confidential. The use, copying or distribution of this message or any information it contains, by anyone other than the addressee, is prohibited. If you have received this communication in error, please notify the sender by email at the address shown.

---

**From:** info@peiship.com  
**Sent:** Tuesday, April 23, 2013 2:10 PM  
**To:** 'Mary Matthews (DHL US) (Mary.Matthews@dhl.com)'; 'Danielle.Blake@dhl.com'; 'Heather.McElroy@dhl.com'  
**Subject:** MV: Anmare V:4042 Customs Explo Systems-Spreewerk Germany Cargo

Hello Mary,

**Here we go.....hold on!!! (smiling)**

Attached please find the CBL's along with other necessary docs, including our inland truck details for the incoming cargo for Explo Systems, arriving on the above mentioned vessel. DVC's to follow shortly, want to confirm import certificate numbers with David for each prior to issuing. Please note that the vessel is currently expected to arrive in port Grande-Anse Terminal on 2nd May, with discharge operations to begin at 0800 hours on the 3rd. All cargo will be crossing the Champlain NY border.

**There will be 2 different carriers.....total of 10 trucks for the Spreewerk/Germany cargo and all cargo is being delivered to Austin Powder, East Camden, AR per Explo's request.**

Transport Nordique- 8 trucks (BOL GAEA007-012 & GAEA015-1 & GAEA029)

POC is Gary Plouffe [GPlouffe@transportnordique.com](mailto:GPlouffe@transportnordique.com) Phone (800) 361-7958

SLT Secured Land Transport – 2 trucks (BOL GAEA013 – GAEA014) POC is

Danny Dubois 623-344-1150 @ [danny.dubois@roadmastergroup.com](mailto:danny.dubois@roadmastergroup.com)

Please note that SLT does not currently have a location in Champlain NY, so they have provided us with PAP numbers in advance, that we assign on their behalf. Therefore, you will note on their 2 loads we have already assigned a number, which is located on your attached BOL copy(upper left corner) for ease of reference and customs purposes.

Please confirm receipt of this email and I know there is a lot of paperwork here....so please should you have any questions or need any additional information, do not hesitate to contact me. Please provide us with the customs entry number for our records, once received.

Many thanks

Sandy Keough  
Paramount Enterprises International, Inc.  
119 John Robert Thomas Dr.  
Exton, Pa 19341  
Ph: 610-524-7525  
Fax: 610-524-0229  
email: [info@peiship.com](mailto:info@peiship.com)  
<http://www.peiship.com>



Load 17

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA020

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

Date _____

(Name of carrier)

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-LC Blandy Road

City, State, Zip Code: Ville de La Baie, QC Canada

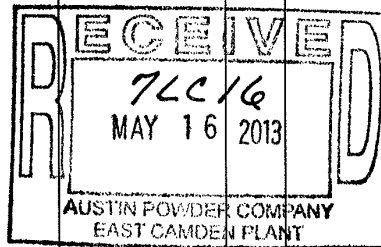
City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)

24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820604

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class or UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	<p>P121055 qna 232152</p> <p>UN0209, Trinitrotoluene ( TNT ), 1.1D, PG II EX- 2012091525      Neq: 18,000 kgs 39683 lbs</p> <p><i>Monica Kelly 5/16/13</i> <i>Monica Kelly</i></p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES  NO

Note - (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"

(2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.

(3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Ch P Selge* Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$ _____ C.O.D. FEE: PREPAID  COLLECT  \$ _____

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

TOTAL CHARGES \$ _____

FREIGHT CHARGES  
 FREIGHT PREPAID  Check box if charges are to be collected  
 except when box at right is checked  are to be collected

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the ward carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier at all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
 Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____ CARRIER: Transport Nordique

PER: *Ch P Selge* _____ PER: _____

DATE: _____

Load 17

# STRAIGHT BILL OF LADING

ORIGINAL - NOT NEGOTIABLE

Shipper No. GAEA020

Carrier No. _____

Page 1 of 1

## TRANSPORT NORDIQUE

(Name of carrier)

Date _____

FROM: Shipper: Paramount Enterprises International, Inc

TO: Consignee: Austin Powder

Street: 6700 Chemin de La Grand Anse

Street: 7-1C Blandy Road

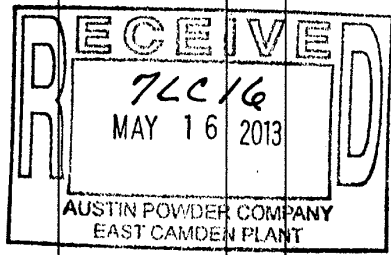
City, State, Zip Code: Ville de La Baie, QC Canada

City, State, Zip Code: East Camden, AR 71701

1-800-424-9300 (CHEMTREC)  
24 hr. Emergency Contact Tel. No.: USA Customer No: 16745

Route: _____ Vehicle Number: _____ Trailer Number: _____ Seal Number: 820604

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
720 f/b bxs on 24 plts	X	<p>P121055 grn # 232152</p> <p>UN0209, Trinitrotoluene (TNT), 1.1D, PG II EX- 2012091525      Neq: 18,000 kgs</p> <p><i>Monica Kelly 5/16/13</i> <i>Monica Kelly</i></p>	Gwt: 42,646 Gwt: 19,344	lbs kgs		



PLACARDS TENDERED: YES  NO

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____"  
 (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent a release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172.  
 (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 300, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

*Chas P. Selge* Signature

24 Hr Number and ERAP 2-1684-001 1-888-922-3330

COD Amt: \$	COD FEE: PREPAID <input type="checkbox"/> COLLECT <input type="checkbox"/> \$
Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.	TOTAL CHARGES \$
(Signature of Consignor)	FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked <input type="checkbox"/> Check box if charges are to be collect <input type="checkbox"/>

RECEIVED, subject to the classifications and tariffs in effect on the date of issue of this Bill of Lading, the property described above in apparent good order, except as noted [contents and condition of contents of packages unknown], marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination, it is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to

destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.  
Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER: _____

CARRIER: Transport Nordique

*Chas P. Selge*

PER: _____

DATE: _____



**EXPLO SYSTEMS, INC.**  
1702 Fourth Street  
Minden, LA 71055

## **MATERIAL SAFETY DATA SHEET**

### **SECTION 1**

---

PRODUCT NAME: TNT  
DESCRIPTION: Explosive  
UN 0209  
US DOT PROPER SHIPPING NAME: TNT or Trinitrotoluene  
Packing Group II.  
DATE OF ISSUE: November 7, 2001  
Prepared by: Explo Systems, Inc.  
SHIPPING CLASS/DIVISION: 1.1D  
MANUFACTURER: EXPLO SYSTEMS INC.  
EMERGENCY TELEPHONE NO.: 1-800-424-9300(WITHIN U.S.A. and Canada)  
CHEMTREC'S TELEPHONE NO.: (703) 527-3887

### **SECTION II HAZARDOUS INGREDIENTS**

---

CHEMICAL NAME: 2, 4, 6-TRINITROTOLUENE  
COMMON NAME: TNT  
CHEMICAL FAMILY: Organic Nitro Compound.  
CAS NO.: 118-96-7  
% BY WEIGHT: 98-100

### **SECTION III PHYSICAL & CHEMICAL DATA**

---

MELTING POINT: 176 ° F      DENSITY: 1.66 g/cm³  
VAPOR PRESSURE: 0.057 Mpa, 178° F  
% VOLATILE, BY VOL: N/A  
VAPOR DENSITY: N/A  
EVAPORATION RATE: N/A  
SOLUBILITY IN WATER: Insoluble  
APPEARANCE AND ODOR: Yellow flakes, with bitter almond odor.

**EXPLO SYSTEMS, INC.**  
1702 Fourth Street  
Minden, LA 71055

**SECTION IV FIRE & EXPLOSION DATA**

---

**FLASH POINT:** N/A  
**EXTINGUISHING MEDIA:** None  
**SPECIAL FIRE FIGHTING PROCEDURES:**  
Do not fight fires where TNT EXPLOSIVE is present. Isolate area and evacuate personnel to a safe place.  
**STABILITY:** Stable  
**UNUSUAL FIRE AND EXPLOSION HAZARD:**  
Will detonate if suitably primed by heat or flame. Hazardous gases produced in fire are Nitrogen Oxides.  
**INCOMPATIBILITY:** No Data Applicable  
**AUTO IGNITION TEMPERATURE:** 570° F

**SECTION V HEALTH HAZZARD DATA**

---

**EFFECTS OF OVER EXPOSURE:**  
**EYES:** Slightly Irritating  
**SKIN:** Slightly Irritating  
**INHALATION:** TNT is Toxic by Inhalation.  
**INGESTION:** TNT is Toxic by Ingestion.

**SECTION VI EMERGENCY & FIRST AID PROCEDURES**

---

**EYES:** Flush with lukewarm water  
**SKIN:** Wash with soap and water  
**INHALATION:** If detonation fumes are inhaled, remove to fresh air. If not Breathing, give artificial respiration, preferably mouth to Mouth. If breathing is difficult, give oxygen and call a Physician.  
**INGESTION:** Induce vomiting immediately by giving two glasses of water and sticking finger down throat.



## **SECTION VII SUGGESTED CONTROL PROCEDURES**

<b>RESPIRATORY PROTECTION</b>	Wear filter respirator, avoid dusting by keeping wet when possible.
<b>VENTILATION:</b>	General ventilation with local exhaust in operation area.
<b>EYE PROTECTION:</b>	Chemical Goggles
<b>SKIN PROTECTION:</b>	Impervious Gloves

## **SECTION VIII SPILL OR LEAK PROCEDURES**

<b>STEPS TO BE TAKEN:</b>	Review fire and explosion hazards before proceeding with clean up. Remove all ignition sources. Wear protective equipment during clean up. Mop with water.
<b>WASTE DISPOSAL METHOD:</b>	Consult an explosive expert for recommended method for destroying explosive materials.

## **SECTION IX SPECIAL PRECAUTIONS**

### **PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:**

Transport and storage must be in compliance with state regulations.

### **OTHER PRECAUTIONS:**

Refer to manufacturers' instructions and warnings supplied with product.

- N/A: Not Applicable
- All information in this MSDS has been obtained from sources considered reliable, but is submitted without any warranties.

# MATERIAL SAFETY DATA SHEET

403409

Prepared to U.S. OSHA, CMA, ANSI, Canadian WHMIS and European EC Standards

## PART I What is the material and what do I need to know in an emergency?

**TRADE NAMES (AS LABELED):** DN20, DN20M, DN14  
**CHEMICAL NAME/CLASS:** Mineral Oil Mixture  
**SYNONYMS:** Not Applicable  
**PRODUCT USE:** Variety of Industrial Applications  
**SUPPLIER/MANUFACTURER'S NAME:** NELSON BROTHERS MINING SERVICES, LLC.  
**ADDRESS:** 820 Shades Creek Parkway  
Birmingham, AL 35209  
**EMERGENCY PHONE:** CHEMTREC: 1-800-424-9300  
INTERNATIONAL: 1-703-527-3887  
**BUSINESS PHONE:** (800) 972-2684  
**DATE OF PREPARATION:** September 20, 2000  
**DATE OF REVISION:** August 6, 2009

## 2. COMPOSITION and INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	EINECS #	% w/w	EXPOSURE LIMITS IN AIR					
				ACGIH-TLV		OSHA-PEL		NIOSH IDLH mg/m ³	OTHER mg/m ³
				TLV mg/m ³	STEL mg/m ³	PEL mg/m ³	STEL mg/m ³		
Formulated Mineral Oil 1 Formulated Mineral Oil 2 (exposure limits are for oil mist, mineral; a similar compound)	64742-52-5 64742-53-6	265-155-0 265-156-6	5-30	5	10 (NIC- to delete STEL)	5 (based on CAS # 8012-95-1)	NE	2500	NIOSH RELS: (Based on CAS # 8012- 95-1) TWA = 5 STEL = 10 Carcinogen: IARC-3
Soybean Oil	8001-22-7	Unlisted	10-55	NE	NE	NE	NE	NE	NE
Reaction product between diethanolamine and 2,5-furandione dihydropolyisobutenyl derivative, unreacted monomers, and other compounds. The unreacted monomers and other compounds are present in much less than 1% concentration.		Not Applicable	Balance	NE	NE	NE	NE	NE	NE

NE = Not Established

NIC = Notice of Intended Change

See Section 16 for Definitions of Terms Used

NOTE (1): All WHMIS and European Community required information is included. It is located in appropriate sections based on the ANSI Z400.1-1998 format. NOTE (2): Unless otherwise specified, the information in the following sections of this document is pertinent to all product formulations.

**EC LABELING AND CLASSIFICATION:** This product meets the definition of a hazardous material, as defined by the European Community Council Directive 67/548/EEC.

**EC CLASSIFICATION:** Xi [Irritant]

**EC RISK PHRASES:** Irritating to eyes, respiratory system and skin. Repeated exposure may cause skin dryness or cracking. [R 36/37/38-66]

**EC SAFETY PHRASES:** Do not breathe vapour. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). [S: 23-26-36/37/39-45]

**EUROPEAN COMMUNITY ANNEX II HAZARD SYMBOLS:** Xi: [Irritant]



403407

**7. HANDLING and STORAGE (continued)**

**STORAGE AND HANDLING PRACTICES:** All employees who handle this product should be trained to handle them safely. Avoid open flames. Open containers slowly on a stable surface. Containers of this product must be properly labeled. Empty containers may contain residual amounts of this product; therefore, empty containers should be handled with care. Store containers in a location that is well-constructed, weather-resistant, and fire-resistant. Store away from incompatible materials (see Section 10, Stability and Reactivity). Material should be stored in secondary containers or in a diked area, as appropriate. Keep container tightly closed when not in use. If appropriate, post warning signs in storage and use areas. Inspect all incoming containers before storage to ensure containers are properly labeled and not damaged. **For additional information, refer to NFPA 30, "Flammable and Combustible Liquids Code"**

**PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:** Follow practices indicated in Section 6 (Accidental Release Measures). Make certain that application equipment is locked and tagged-out safely, if necessary.

**8. EXPOSURE CONTROLS - PERSONAL PROTECTION**

**VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation to ensure exposure levels are maintained below the limits provided in Section 2 (Composition and Information on Ingredients) if applicable. For processing operations, employees should use a mechanical fan or vent area to outside. Eye wash station/safety showers should be near locations where this product is used or stored.

**RESPIRATORY PROTECTION:** None normally required for routine chemical use. Airborne contaminant concentrations must be maintained below guidelines listed in Section 2 (Composition and Information on Ingredients). If respiratory protection is needed, use only protection authorized in the U.S. Federal OSHA Standard (29 CFR 1910.134), or equivalent U.S. State standards, Canadian CSA Standard Z94.4-93, and the European Standard EN166, and EC member states. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full-facepiece pressure/demand SCBA or a full facepiece, supplied air respirator with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998). The following NIOSH Respiratory Protection Guidelines are for Oil Mist and are provided for additional information on selection of respiratory protection.

**OIL MIST**

**CONCENTRATION**

**RESPIRATORY EQUIPMENT**

Up to 50 mg/m ³ :	Any air-purifying respirator with a high-efficiency particulate filter or any Supplied-Air Respirator (SAR).
Up to 125 mg/m ³ :	Any SAR operated in a continuous-flow mode or any powered, air-purifying respirator with a high-efficiency particulate filter.
Up to 250 mg/m ³ :	Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter, any SAR that has a tight-fitting facepiece and is operated in a continuous-flow mode, any powered, air-purifying respirator with a tight-fitting facepiece and a high-efficiency particulate filter, any Self-Contained Breathing Apparatus (SCBA) with a full facepiece, or any SAR with a full facepiece.
Up to 2500 mg/m ³ :	Any SAR operated in a pressure-demand or other positive-pressure mode.
Emergency or Planned	Entry into Unknown Concentrations or IDLH Conditions: Any SCBA that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode or any SAR that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.
Escape:	Any air-purifying, full-facepiece respirator with a high-efficiency particulate filter, or any appropriate escape-type, SCBA.

**EYE PROTECTION:** Splash goggles or safety glasses. Face shields recommended when using quantities of this solution in excess of 1 gallon. If necessary, refer to U.S. OSHA 29 CFR 1910.133, or the European Standard EN166.

**HAND PROTECTION:** Wear nitrile rubber or neoprene gloves for routine industrial use. Use triple gloves for spill response, as stated in Section 6 (Accidental Release Measures) of this MSDS.

**BODY PROTECTION:** Use body protection appropriate for task (e.g., apron, Tyvek suit).

**9. PHYSICAL and CHEMICAL PROPERTIES**

**RELATIVE VAPOR DENSITY (air = 1):** Not established.

**EVAPORATION RATE (water = 1):** < 1

**SPECIFIC GRAVITY @ 25°C (water = 1):** < 1

**MELTING/FREEZING POINT:** Not established.

**SOLUBILITY IN WATER:** Insoluble.

**BOILING POINT:** Not established.

**VAPOR PRESSURE, mm Hg @ 20°C:** Not established.

**pH:** Not applicable.

**ODOR THRESHOLD:** Not established.

**COEFFICIENT OF OIL/WATER DISTRIBUTION (PARTITION COEFFICIENT):** Not established.

**APPEARANCE, ODOR AND COLOR:** This product is a dark-colored, viscous liquid with a pungent odor.

**HOW TO DETECT THIS SUBSTANCE (warning properties):** The appearance may act as a distinguishing characteristic of this product.

403407

## 10. STABILITY and REACTIVITY

**STABILITY:** Stable.

**DECOMPOSITION PRODUCTS:** Thermal decomposition of this product can generate carbon monoxide, carbon dioxide, and nitrogen oxides.

**MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:** Strong acids, strong oxidizing agents, caustics.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** Exposure or contact to extreme temperatures, sparks, flame, incompatible chemicals.

## PART IV *Is there any other useful information about this material?*

### 11. TOXICOLOGICAL INFORMATION

**TOXICITY DATA:** The specific toxicology data available for components greater than 1% in concentration are as follows.

**FORMULATED MINERAL OIL 1:**

Mutation in Microorganisms (Bacteria-Salmonella typhimurium) 10 µL/plate

Standard Draize Test (Skin-Rabbit) 500 mg: Severe

LD (Oral-Rat) > 5 gm/kg

LD (Skin-Rabbit) > 5 gm/kg

TDLo (Skin-Mouse) 480 gm/kg/80 weeks-intermittent: Tumorigenic: neoplastic by RTECS criteria; Skin and Appendages: tumors, tumors at site of application

TD (Skin-Mouse) 402 gm/kg/78 weeks-intermittent: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Skin and Appendages: tumors, tumors at site of application

**FORMULATED MINERAL OIL 1 (continued):**

TD (Skin-Mouse) 398 gm/kg/22 weeks-intermittent: Tumorigenic: equivocal tumorigenic agent by RTECS criteria; Skin and Appendages: tumors, tumors at site of application

**FORMULATED MINERAL OIL 2:**

Standard Draize Test (Skin-Rabbit) 500 mg: Severe

LD (Oral-Rat) > 5 gm/kg: Behavioral: somnolence (general depressed activity)

LD (Skin-Rabbit) > 2 gm/kg

TDLo (Skin-Mouse) 480 gm/kg/80 weeks-intermittent: Tumorigenic: neoplastic by RTECS criteria; Skin and Appendages: tumors, tumors at site of application

**FORMULATED MINERAL OIL 2 (continued):**

TDLo (Skin-Rabbit) 24 gm/kg/28 days-intermittent: Skin and Appendages: dermatitis, other (after systemic exposure); Nutritional and Gross Metabolic: weight loss or decreased weight gain

**REACTION PRODUCT BETWEEN DIETHANOLAMINE AND 2,5-FURANDIONE DIHYDROLYSIBUTENYL DERIVATIVE:**

Currently, there are no toxicological data available for this compound.

**SOYBEAN OIL:**

Currently, there are no toxicological data available for this compound.

**SUSPECTED CANCER AGENT:** The components of this product are listed as follows:

**Formulated Mineral Oil 1:** IARC-3 (Unclassifiable as to Carcinogenicity in Humans)

**Formulated Mineral Oil 2:** IARC-3 (Unclassifiable as to Carcinogenicity in Humans)

The remaining components of this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, and CAL/OSHA and therefore are neither considered to be nor suspected to be cancer-causing agents by these agencies.

**IRRITANCY OF PRODUCT:** This product may irritate contaminated eyes, skin, mouth, throat, and other contaminated tissues.

**SENSITIZATION TO THE PRODUCT:** The components of this product are not known to be skin or respiratory sensitizers.

**REPRODUCTIVE TOXICITY INFORMATION:** Listed below is information concerning the effects of this product and its components on the human reproductive system.

**Mutagenicity:** This product is not reported to produce mutagenic effects in humans. Animal mutation data are available for the Formulated Mineral Oil 1 and Formulated Mineral Oil 2 components of this product; these data were obtained during clinical studies on specific animal tissues exposed to high doses of this compound.

**Embryotoxicity:** This product is not reported to produce embryotoxic effects in humans.

**Teratogenicity:** This product is not reported to cause teratogenic effects in humans.

**Reproductive Toxicity:** This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (i.e. within the first eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

**BIOLOGICAL EXPOSURE INDICES:** Currently, there are no Biological Exposure Indices (BEIs) determined for the components of this product.

### 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

**ENVIRONMENTAL STABILITY:** This product is expected to slowly degrade in ambient environmental conditions.

**EFFECT OF MATERIAL ON PLANTS or ANIMALS:** Releases of large amount of this product may adversely affect contaminated plant and animal life.

**EFFECT OF CHEMICAL ON AQUATIC LIFE:** Releases of large amount of this product may adversely affect contaminated aquatic plant and animal life.

403407

**13. DISPOSAL CONSIDERATIONS**

PREPARING WASTES FOR DISPOSAL: Waste disposal must be in accordance with appropriate Federal, State, and local regulations. This product, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local waste regulatory authority.

EPA WASTE NUMBER: Not applicable.

**14. TRANSPORTATION INFORMATION**

THIS PRODUCT IS NOT HAZARDOUS AS DEFINED BY 49 CFR 172.101 BY THE U.S. DEPARTMENT OF TRANSPORTATION.

PROPER SHIPPING NAME: Not Applicable

HAZARD CLASS NUMBER and DESCRIPTION: Not Applicable

UN IDENTIFICATION NUMBER: Not Applicable

PACKING GROUP: Not Applicable

DOT LABEL(S) REQUIRED: Not Applicable

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER, 2000: Not Applicable

MARINE POLLUTANT: No component of this product is listed per Appendix B to 49 CFR 172.101.

TRANSPORT CANADA, TRANSPORTATION OF DANGEROUS GOODS REGULATIONS: This product is not considered as dangerous goods, per regulations of Transport Canada. Use the above information for the preparation of Canadian Shipments.

INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA): This product is not classified as dangerous goods under the criteria of the IATA.

INTERNATIONAL MARITIME ORGANIZATION (IMO): This product is not classified as dangerous goods under the criteria of the IMO.

MARINE POLLUTANT: The components of this product are not designated by the IMO to be Marine Pollutants.

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not classified by the United Nations Economic Commission for Europe to be dangerous goods

**15. REGULATORY INFORMATION**

**ADDITIONAL U.S. REGULATIONS:**

U.S. SARA REPORTING REQUIREMENTS: The components of this product are not subject to the reporting requirements of Sections 302, 304 and 313 of Title III of the Superfund Amendments and Reauthorization Act.

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for the components of this product. The default Federal MSDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

U.S. SARA HAZARD CATEGORIES (SECTION 311/312, 40 CFR 370-21): ACUTE: Yes; CHRONIC: Yes; FIRE: No; REACTIVE: No; SUDDEN RELEASE: No

U.S. CERCLA REPORTABLE QUANTITY (RQ): Not applicable.

U.S. TSCA INVENTORY STATUS: All components of this solution are listed on the TSCA Inventory.

OTHER U.S. FEDERAL REGULATIONS: Not applicable.

U.S. STATE REGULATORY INFORMATION: Components of this product are covered under specific State regulations, as denoted below:

Alaska - Designated Toxic and Hazardous Substances: No.	Michigan - Critical Materials Register: No.	Pennsylvania - Hazardous Substance List: No.
California - Permissible Exposure Limits for Chemical Contaminants: No.	Minnesota - List of Hazardous Substances: No.	Rhode Island - Hazardous Substance List: No.
Florida - Substance List: No.	Missouri - Employer Information/Toxic Substance List: No.	Texas - Hazardous Substance List: No.
Illinois - Toxic Substance List: No.	New Jersey - Right to Know Hazardous Substance List: No.	West Virginia - Hazardous Substance List: No.
Kansas - Section 302/313 List: No.	North Dakota - List of Hazardous Chemicals, Reportable Quantities: No.	Wisconsin - Toxic and Hazardous Substances: No.
Massachusetts - Substance List: No.		

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): Acetaldehyde (a trace component of this product) is on the California Proposition 65 lists. WARNING! This product contains a chemical known to the State to cause cancer.

15. REGULATORY INFORMATION (Continued)

403407

**ADDITIONAL U.S. REGULATIONS (continued):**

**LABELING (Precautionary Statements):** **WARNING!** CONTAINS MATERIAL THAT MAY CAUSE SKIN TUMORS (BASED ON ANIMAL STUDIES). COMBUSTIBLE LIQUID. MAY BE HARMFUL IF INHALED. CAUSES SKIN AND EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED. Avoid contact with skin, eyes, and clothing. Avoid breathing mists or sprays. Use in well-ventilated area. Wash thoroughly after handling. Do not take internally. Wear gloves, goggles, and appropriate body protection. **FIRST-AID:** In case of skin or eye contact, flush with water for 15 minutes. Remove contaminated clothing and shoes. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If ingested, do not induce vomiting. Seek medical attention. Use fire-extinguishing material suitable for surrounding area. Absorb spilled product with polypads or other suitable absorbing material. Place all spill residue in an appropriate container and seal. Dispose of in accordance with Federal, State, and local hazardous waste disposal regulations. Store away from incompatible chemicals. Consult Material Safety Data Sheet before use.

**ADDITIONAL CANADIAN REGULATIONS:**

**CANADIAN DSL/NDL INVENTORY STATUS:** The components of this product are listed on the DSL Inventory.

**OTHER CANADIAN REGULATIONS:** Not applicable.

**CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LISTS:** The components of this product are not on the CEPA Priorities Substances Lists.

**CANADIAN WHMIS SYMBOLS:** Class B3: Combustible Liquid



**EUROPEAN COMMUNITY INFORMATION FOR PRODUCT:**

**EC LABELING AND CLASSIFICATION:** This product meets the definition of a hazardous material, as defined by the European Community Council Directive 67/548/EEC.

**EC RISK PHRASES:** Irritating to eyes, respiratory system and skin. Repeated exposure may cause skin dryness or cracking. [R 36/37/38--66]

**EC SAFETY PHRASES:** Do not breathe vapour. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). [S: 23-26-36/37/39-45]

**EUROPEAN COMMUNITY ANNEX II HAZARD SYMBOLS:** Xi: Irritant



**EC INFORMATION FOR COMPONENTS:**

**FORMULATED MINERAL OIL # 1:**

EINECS NUMBER: 265-155-0

**EC CLASSIFICATION:** Toxic [T]; Carcinogenic Substance, Category 2

**EC RISK PHRASES:** May cause cancer. [R: 45]

**EC SAFETY PHRASES:** Avoid exposure – obtain special instructions before use. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). [S: 53-45]

**EC HAZARD SYMBOL:** T

**FORMULATED MINERAL OIL # 2:**

EINECS NUMBER: 265-156-6

**EC CLASSIFICATION:** Harmful [Xn]; Carcinogenic Substance, Category 3

**EC RISK PHRASES:** Possible risk of irreversible effects. [R: 40]

**EC SAFETY PHRASES:** Keep out of reach of children. Wear suitable protective clothing and gloves. [S: 2-36/37]

**EC HAZARD SYMBOL:** T

**SOYBEAN OIL:**

**EINECS NUMBER:** Unlisted

**EC CLASSIFICATION:** An official classification for this substance has not been published in Commission Directives 93/72/EEC, 94/69/EEC.

403407

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**16. OTHER INFORMATION**

**PREPARED BY:**

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## DEFINITIONS OF TERMS

403407

A large number of abbreviations and acronyms appear on a MSDS. Some of these which are commonly used include the following:

**CAS #:** This is the Chemical Abstract Service Number which uniquely identifies each constituent.

### EXPOSURE LIMITS IN AIR:

**ACGIH** - American Conference of Governmental Industrial Hygienists, a professional association which establishes exposure limits.

**TLV** - Threshold Limit Value - an airborne concentration of a substance which represents conditions under which it is generally believed that nearly all workers may be repeatedly exposed without adverse effect. The duration must be considered, including the 8-hour Time Weighted Average (TWA), the 15-minute Short Term Exposure Limit, and the instantaneous Ceiling Level (C). Skin absorption effects must also be considered.

**OSHA** - U.S. Occupational Safety and Health Administration.

**PEL** - Permissible Exposure Limit - This exposure value means exactly the same as a TLV, except that it is enforceable by OSHA. The OSHA Permissible Exposure Limits are based in the 1989 PELs and the June, 1993 Air Contaminants Rule (Federal Register; 58: 35338-35351 and 58: 40191). Both the current PELs and the vacated PELs are indicated. The phrase, "Vacated 1989 PEL," is placed next to the PEL which was vacated by Court Order.

**IDLH** - Immediately Dangerous to Life and Health - This level represents a concentration from which one can escape within 30-minutes without suffering escape-preventing or permanent injury. The DFG - MAK is the Republic of Germany's Maximum Exposure Level, similar to the U.S. PEL.

**NIOSH** is the National Institute of Occupational Safety and Health, which is the research arm of the U.S. Occupational Safety and Health Administration (OSHA). NIOSH issues exposure guidelines called Recommended Exposure Levels (RELs). When no exposure guidelines are established, an entry of NE is made for reference.

### HAZARD RATINGS:

**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM:** This rating system was developed by the National Paint and Coating Association and has been adopted by industry to identify the degree of chemical hazards.

**Health Hazard:** 0 (minimal acute or chronic exposure hazard); 1 (slight acute or chronic exposure hazard); 2 (moderate acute or significant chronic exposure hazard); 3 (severe acute exposure hazard; onetime overexposure can result in permanent injury and may be fatal); 4 (extreme acute exposure hazard; onetime overexposure can be fatal). **Flammability Hazard:** 0 (minimal hazard); 1 (materials that require substantial preheating before burning); 2 (combustible liquid or solids; liquids with a flash point of 38-93°C [100-200°F]); 3 (Class IB and IC flammable liquids with flash points below 38°C [100°F]); 4 (Class IA flammable liquids with flash points below 23°C [73°F] and boiling points below 38°C [100°F]). **Reactivity Hazard:** 0 (normally stable); 1 (material that can become unstable at elevated temperatures or which can react slightly with water); 2 (materials that are unstable but do not detonate or which can react violently with water); 3 (materials that can detonate when initiated or which can react explosively with water); 4 (materials that can detonate at normal temperatures or pressures). PPE Rating B: Hand and eye protection is required for routine chemical use.

**NATIONAL FIRE PROTECTION ASSOCIATION:** **Health Hazard:** 0 (material that on exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials); 1 (materials that on exposure under fire conditions could cause irritation or minor residual injury); 2 (materials that on intense or continued exposure under fire conditions could cause temporary incapacitation or possible residual injury); 3 (materials that can on short exposure could cause serious temporary or residual injury); 4 (materials that under very short exposure could cause death or major residual injury). **Flammability Hazard and Reactivity Hazard:** Refer to definitions for "Hazardous Materials Identification System".

### FLAMMABILITY LIMITS IN AIR:

Much of the information related to fire and explosion is derived from the National Fire Protection Association (NFPA). **Flash Point** - Minimum temperature at which a liquid gives off sufficient vapors to form an ignitable mixture with air. **Autoignition Temperature:** The minimum temperature required to initiate combustion in air with no other source of ignition. **LEL** - the lowest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source. **UEL** - the highest percent of vapor in air, by volume, that will explode or ignite in the presence of an ignition source.

### TOXICOLOGICAL INFORMATION:

**Human and Animal Toxicology:** Possible health hazards as derived from human data, animal studies, or from the results of studies with similar compounds are presented. Definitions of some terms used in this section are: **LD₅₀** - Lethal Dose (solids & liquids) which kills 50% of the exposed animals; **LC₅₀** - Lethal Concentration (gases) which kills 50% of the exposed animals; **ppm** concentration expressed in parts of material per million parts of air or water; **mg/m³** concentration expressed in weight of substance per volume of air; **mg/kg** quantity of material, by weight, administered to a test subject, based on their body weight in kg. Other measures of toxicity include **TDLo**, the lowest dose to cause a symptom and **TCLo** the lowest concentration to cause a symptom; **TD₀₁**, **LDLo**, and **LD₀₁**, or **TC**, **TC₀₁**, **LCLo**, and **LC₀₁**, the lowest dose (or concentration) to cause lethal or toxic effects. **Cancer Information:** The sources are: **IARC** - the International Agency for Research on Cancer; **NTP** - the National Toxicology Program, **RTECS** - the Registry of Toxic Effects of Chemical Substances, **OSHA** and **CAL/OSHA**. **IARC** and **NTP** rate chemicals on a scale of decreasing potential to cause human cancer with rankings from 1 to 4. Subrankings (2A, 2B, etc.) are also used. **Other Information:** **BEI** - ACGIH Biological Exposure Indices, represent the levels of determinants which are most likely to be observed in specimens collected from a healthy worker who has been exposed to chemicals to the same extent as a worker with inhalation exposure to the TLV. **Ecological Information:** **EC** is the effect concentration in water. **BCF** = Bioconcentration Factor, which is used to determine if a substance will concentrate in lifeforms which consume contaminated plant or animal matter. **TL_m** = median threshold limit; Coefficient of Oil/Water Distribution is represented by **log K_{ow}** or **log K_{oc}** and is used to assess a substance's behavior in the environment.

### REGULATORY INFORMATION:

**U.S. and CANADA:** This section explains the impact of various laws and regulations on the material. **EPA** is the U.S. Environmental Protection Agency. **WHMIS** is the Canadian Workplace Hazardous Materials Information System. **DOT** and **TC** are the U.S. Department of Transportation and the Transport Canada, respectively. Superfund Amendments and Reauthorization Act (**SARA**); the Canadian Domestic/Non-Domestic Substances List (**DSL/NDL**); the U.S. Toxic Substance Control Act (**TSCA**); Marine Pollutant status according to the **DOT**; the Comprehensive Environmental Response, Compensation, and Liability Act (**CERCLA** or **Superfund**); and various state regulations. This section also includes information on the precautionary warnings which appear on the material's package label.

**EUROPEAN and INTERNATIONAL:** **EC** is the European Community (formerly known as the **EEC**, European Economic Community). **EINECS:** This is the European Inventory of Existing Chemical Substances. **AICS** is the Australian Inventory of Chemical Substances. **MITI** is the Japanese Minister of International Trade and Industry. **ECL** is the Korean Existing Chemicals List. **IMO** is the International Maritime Organization and **IATA** is the International Air Transport Association. The **ARD** is the European Agreement Concerning the International Carriage of Dangerous Goods by Road and the **RID** are the International Regulations Concerning the Carriage of Dangerous Goods by Rail.



