

JOINT INERTS TASK FORCE CLUSTER SUPPORT TEAM INFORMATION

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST1 84913	<u>Alkyl Alcohol Alkoxylates</u> Air Products and Chemicals, Inc.(now Evonik), Ajinomoto Omnicem, Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Clariant Corporation, Cognis Corp., Croda , Dow AgroSciences, Dupont Crop Protection, Drexel Chemical Company, Inc., Indorama, Innospec Limited, ISK Biosciences Corporation, Kolb Distribution Ltd, Monsanto Company, Nufarm Americas Inc., Pilot Chemical Company (Pilot), Rhodia Inc., Stepan Company, Syngenta Crop Protection, Valent USA Corporation 40 CFR §180.910; §180.930; §180.940; §180.960 Final Rule: 8/5/2009 Company Agent/Contact: Dr. Paul Kierkus Global Compliance Manager BASF Corporation 26 Davis Drive PO BOX 13528 Research Triangle Park, NC 27709 W 1(919)547-2538 M 1(919)748-8608 paul.kierkus@basf.com
CST1 Compounds	a-alkyl-w-hydroxypoly (oxypropylene) and/or poly (oxyethylene) polymers where the alkyl chain contains a minimum of six carbons 9002-92-0, 9004-95-9, 9005-00-9, 26183-52-8, 34398-01-1, 52292-17-8, 66455-14-9, 66455-15-0, 68002-97-1, 68131-39-5, 68131-40-8, 68154-96-1, 68213-23-0, 68439-45-2, 68439-46-3, 68526-94-3, 68439-50-9, 68439-49-6, 68551-12-2, 68951-67-7, 71243-46-4, 97043-91-9, 9043-30-5, 60828-78-6, 61827-42-7, 24938-91-8, 68439-54-3, 69011-36-5, 78330-20-8, 78330-21-9, 106232-83-1, 127036-24-2, 160875-66-1, 9004-98-2, 68920-66-1, 61804-34-0, 61791-28-4, 71060-57-6, 26468-86-0, 31726-34-8, 52609-19-5, 61791-20-6, 68155-01-1, 69013-19-0, 69364-63-2, 70879-83-3, 78330-19-5, 97953-22-5, 157627-86-6, 34398-05-5, 72905-87-4, 84133-50-6, 61702-78-1, 27306-79-2, 169107-21-5, 61791-13-7, 39587-22-9, 85422-93-1; 68154-98-3, 61725-89-1, 68002-96-0, 68154-97-2, 68439-51-0, 68551-13-3, 68603-25-8, 68937-66-6, 68987-81-5, 69227-21-0, 70750-27-5, 103818-93-5, 166736-08-9, 120313-48-6, 68213-24-1, 68458-88-8, 68551-14-4, 69013-18-9, 69227-22-1, 72854-13-8, 73049-34-0, 78330-23-1, 37311-02-7, 64366-70-7, 37251-67-5, 9087-53-0, 196823-11-7, 57679-21-7, 111905-54-5, 61827-84-7, 172588-43-1

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST2 84914	<u>Alkyl Alcohol Alkoxylate Phosphate (AAPD) and Sulfate Derivatives (AAASD)</u> Adjuvants Unlimited LLC, Ajinomoto Omnicem, Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Clariant Corporation, Cognis Corp., Croda , Dow AgroSciences, Dupont Crop Protection, FMC, Indorama, Monsanto Company, Nufarm Americas Inc., Rhodia Inc., Stepan Company, Syngenta Crop Protection AAAPD: 40 CFR §180.910; §180.920; §180.930 AAASD: §180.910; §180.920; §180.930 Final Rule:7/29/2009 Expansion: 8/20/2010 Company Agent/Contact: Dayne Fanfair Technology Manager - Agrochemicals Indorama Ventures Oxides LLC 8600 Gosling Rd. The Woodlands, TX 77381 dayne.fanfair@us.indorama.net Office: (281) 719-7670
CST2 Compounds	AAAPDs α-Alkyl (minimum C₆ linear, branched, saturated and or unsaturated)-ω-hydroxypolyoxyethylene polymer with or without polyoxypropylene, mixture of di- and monohydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; minimum oxyethylene content is 2 moles; minimum oxypropylene content is 0 moles. 9046-01-9, 37280-82-3, 39464-66-9, 42612-52-2, 50643-20-4, 52019-36-0, 58318-92-6, 60267-55-2, 61837-79-4, 67711-84-6, 68070-99-5, 68071-35-2, 68071-17-0, 68130-47-2, 68186-37-8, 68186-36-7, 68311-02-4, 68425-73-0, 68458-48-0, 68511-37-5, 68610-65-1, 68585-36-4, 68649-29-6, 68815-11-2, 68908-64-5, 68891-13-4, 73038-25-2, 78330-24-2, 108818-88-8, 154518-39-5, 317833-96-8, 873662-29-4, 936100-29-7, 936100-30-0 AAASDs: [α]-Alkyl(C₆-C₁₅)-[ω]-hydroxypoly(oxyethylene) sulfate, and it ammonium, calcium, magnesium, potassium, sodium, and zinc salts, poly(oxyethylene) content averages 2-4 moles. 3088-31-1, 9004-82-4, 9004-84-6, 13150-00-0, 25446-78-0, 26183-44-8, 32612-48-9, 50602- 06-7, 62755-21-9, 68424-50-0, 68511-39-7, 68585-34-2, 68611-55-2, 68891-38-3, 73665-22-2

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 4 84940	<u>Alkyl Amine Polyalkoxylates</u> Akzo Nobel Surface Chemistry LLC, BASF Corporation, Clariant Corporation, Cognis Corp., Croda , Dow AgroSciences, Drexel Chemical Company, Inc., Indorama, ISK Biosciences Corporation, Monsanto Company, Nufarm Americas Inc., Stepan Company, Syngenta Crop Protection 40 CFR §180.920; §180.930 Not to exceed 25% in herbicide formulations and 10% in insecticide and fungicide formulations FINAL RULE: 6/17/2009 Company Agent/Contact: Greg Watson Monsanto Company 800 North Lindbergh Blvd St. Louis, MO 63167 314 694 8265 gregory.r.watson@monsanto.com
CST4 Compounds	<i>N,N</i>-Bis-a-ethyl-w-hydroxypoly(oxy-1,2-ethanediyl) C8-C18 saturated and unsaturated alkylamines; the poly(oxy-1,2-ethanediyl) content is 2-60 moles 10213-78-2, 25307-17-9, 26635-92-7, 26635-93-8, 288259-52-9, 58253-49-9, 61790-82-7, 61791-14-8, 61791-24-0, 61791-26-2, 61791-31-9, 61791-44-4, 68155-33-9, 68155-39-5, 68155-40-8, 70955-14-5, 73246-96-5 <i>N,N</i>-Bis-a-ethyl-w-hydroxypoly(oxy-1,2-ethanediyl/oxy(methyl-1,2-ethanediyl) C8-C18 saturated and unsaturated alkylamines; the poly(oxy-1,2-ethanediyl/oxy(methyl-1,2-ethanediyl) content is 2-60 moles 68213-26-3, 68153-97-9, 75601-76-2

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 5 84941	<u>Alkylphenol Ethoxylates</u> Bayer Crop Science, Syngenta Crop Protection, Dow AgroSciences 40 CFR §180.910 TEMPORARY EXEMPTION: 5/17/2010 FINAL RULE: 5/11/12 Agent: Patrick McCain Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419-8300 1 800 334 9481, ext. 7317 Patrick.mccain@syngenta.com
CST5 Compounds	α-[p-(1,1 ,3,3-tetramethylbutyl)phenyl]-ω-hydroxypoly (oxyethylene) produced by the condensation of 1 mole of <i>p</i>-(1,1,3,3-tetramethylbutyl)phenol with a range of 1-14 or 30-70 moles of ethylene oxide: if a blend of products is used, the average range number of moles of ethylene oxide reacted to produce any product that is a component of the blend shall be in the range of 1-14 or 30-70 CAS RN 9036-19-5, 9002-93-1

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 7 84881	<u>Methyl Poly(Oxyethylene)C8-C18 Alkylammonium Chlorides</u> Akzo Nobel Surface Chemistry LLC, Bayer Crop Science, Monsanto Company, Syngenta Crop Protection 40 CFR §180.920 Inert ingredients used pre-harvest Concentration in formulated end use products not to exceed 10% by weight in herbicide products and 5% by weight in all other pesticide products. FINAL RULE: 8/5/2009 Company Agent/Contact: Greg Watson Monsanto Company 800 North Lindbergh Blvd St. Louis, MO 63167 314 694 8265 gregory.r.watson@monsanto.com
CST7 Compounds	Methyl poly(oxyethylene)C8-C18 alkylammonium chlorides where the poly(oxyethylene) content is n=2-15 and where C8-C18 alkyl is linear and may be saturated or unsaturated (CAS Reg. Nos. 3010-24-0, 18448-65-2, 70750-47-9, 22340-01-8, 67784-77-4, 64755-05-1, 61791-10-4, 28724-32-5, 28880-55-9, 68187-69-9, 68607-27-2, 60687-90-3.

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 8 84942	Amine salts of alkyl (C₈ - C₂₄) benzenesulfonic acid (dimethylaminopropylamine, isopropylamine, mono-, di- and triethanolamine) Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Cognis Corp., Croda , Dow AgroSciences, Indorama, Nufarm Americas Inc., Rhodia Inc., Stepan Company, Syngenta Crop Protection 40 CFR §180.920; §180.930 See below for restrictions FINAL RULE: 8/05/2009 Company Agent/Contact: Patrick McCain Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419-8300 1 800 334 9481, ext. 7317 Patrick.mccain@syngenta.com
CST8 Compounds	Diethanolamine salts of alkyl (C₈-C₂₄) benzenesulfonic acid CAS RN 26545-53-9 and 68953-97-9 <u>Not to exceed 7% of pesticide formulation.</u> Dimethylaminopropylamine, isopropylamine, ethanolamine, and triethanolamine salts of alkyl (C₈-C₂₄) benzenesulfonic acid CAS RN 26264-05-1, 27323-41-7, 55470-69-4, 68411-31-4, 68584-24-7, 68584-25-8, 68648-81-7, 68648-96-4, 68649-00-3, 68910-32-7, 68953-93-5, 90194-42-6, 90194-53-9, 90218-35-2, 157966-96-6, 319926-68-6, 877677-48-0, 1093628-27-3

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 9 84943	<u>Nonylphenol Ethoxylates, Phosphates, and Sulfate Derivatives</u> BASF Corporation, Bayer Crop Science, Cognis Corp., FMC, Nufarm Americas Inc., Stepan Company, Syngenta Crop Protection 40 CFR §180.910; §180.930 FINAL RULE: 5/9/2012 Company Agent/Contact: Patrick McCain Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419-8300 1 800 334 9481, ext. 7317 Patrick.mccain@syngenta.com
CST9 Compounds	α -(p-Nonylphenyl)- ω -hydroxypoly(oxyethylene) mixture of dihydrogen phosphate and mono hydrogen phosphate esters and the corresponding ammonium, calcium, magnesium, monoethanolamine, potassium, sodium, and zinc salts of the phosphate esters; the nonyl group is a propylene trimer isomer and the poly(oxyethylene) content averages 4-14 moles or 30 moles CAS RN 51811-79-1, 59139-23-0, 67922-57-0, 68412-53-3, 68553-97-9, 68954-84-7, 99821-14-4, 152143-22-1, 51609-41-7, 37340-60-6, 106151-63-7, 68584-47-4, 52503-15-8, 68458-49-1 α -(p-Nonylphenyl)- ω - hydroxypoly(oxyethylene) sulfate, ammonium, calcium, magnesium, potassium, sodium, and zinc salts; the nonyl group is propylene trimer isomer and the poly(oxyethylene) content averages 4 moles CAS RN 9014-90-8, 9051-57-4, 9081-17-8, 68649-55-8, 68891-33-8

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 10 84915	<u>Naphthalene Sulfonate Salts (NNS)</u> Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Cognis Corp., Chemtura, Dow AgroSciences, Dupont Crop Protection, FMC, ISK Biosciences Corporation, Nufarm Americas Inc., Rhodia Inc., Syngenta Crop Protection, Valent USACorporation 40 CFR §180.910; §180.930 Limited to no more than 30% by weight in pesticide end-use products FINAL RULE: 8/5/2009 Company Agent/Contact: Steve Madsen Dow AgroSciences 9330 Zionsville Road Indianapolis, Indiana 46268 317-337-3566 ssmadsen@dow.com
CST10 Compounds	Sodium alkyl naphthalenesulfonates CAS RN 68909-83-1, 68909-84-2, 68909-82-0, 27213-90-7, 26264-58-4, 27178-87-6, 111163-74-7, 908356-16-1, 25417-20-3, 25638-17-9, 145578-88-7, 1322-93-6, 1323-19-9, 7403-47-6, 68442-09-1, 127646-44-0, 908356-18-3

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 11 84944	<u>Naphthalene Sulfonate-formaldehyde Condensate</u> Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Cognis Corp., Chemtura, Dow AgroSciences, Dupont Crop Protection, Indorama, ISK Biosciences Corporation, Monsanto Company, Nufarm Americas Inc., Rhodia Inc., Syngenta Crop Protection, Valent USA Corporation 40 CFR §180.910 Final Rule: 8/5/2009 Expansion: 10/7/2009 Company Agent/Contact: Patrick McCain Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419-8300 1 800 334 9481, ext. 7317 Patrick.mccain@syngenta.com
CST11 Compounds	Mono-, di-, and trimethylnaphthalenesulfonic acids and naphthalenesulfonic acids formaldehyde condensates, ammonium and sodium salts CAS RN 9008-63-3, 9069-80-1, 9084-06-4, 36290-04-7, 91078-68-1, 141959-43-5, 68425-94-5

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 13 84945	<u>1,4-bis-Di-alkly Sulfosuccinate Sodium Salts</u> Bayer Crop Science, Dow AgroSciences, Syngenta Crop Protection 40 CFR §180.920 Final Rule: 7/08/2009 Expansion Final Rule: 6/16/2010 Company Agent/Contact: Patrick McCain Syngenta Crop Protection, Inc. P.O. Box 18300 Greensboro, NC 27419-8300 1 800 334 9481, ext. 7317 Patrick.mccain@syngenta.com
CST13 Compounds	Sodium 1,4-dihexyl sulfosuccinate CAS RN 3006-15-3 Sodium 1,4-diisobutyl sulfosuccinate CAS RN 127-39-9 Sodium 1,4-dipentyl sulfosuccinate CAS RN 922-80-5

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 14 84946	<u>Partial Sodium Salt of n-laurel-[α]-imino propionic acid</u> Croda Inc. 40 CFR §180.920 Final Rule: 7/29/2009 Expansion Final Rule 2/4/2011 Chair: Greg Lindner Croda Inc. Griffin Innovation Center 315 Cherry Lane New Castle, DE, 19720 greg.lindner@croda.com
CST14 Compounds	CAS RN 3655-00-3, 61791-56-8, 14960-06-6, 26256-79-1, 90170-43-7, 91696-17-2, 97862-48-1
CST 15 84947	<u>N,N,N,N-Tetrakis 2-hydroxy propyl ethylene diamine</u> BASF Corporation, Syngenta Crop Protection 40 CFR §180.920 Concentration in formulated end-use products not to exceed 20% by weight in pesticide formulations. Final Rule: 7/29/2009 Expansion: 11/24/2010 Company Agent/Contact: Khalid Akkari BASF 26 Davis Drive; P.O. Box 13528 Research Triangle Park, NC 27709 919-547-2976 khalid.akkari@basf.com
CST15 Compounds	CAS RN 102-60-3
CST 19	<u>Ethylene Oxide Adducts of 2,4,7,9 - Tetramethyl - 5 -Decyndiol</u>

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CST 19 84949	<u>Ethylene Oxide Adducts of 2,4,7,9 - Tetramethyl - 5 -Decyndiol</u> Air Products and Chemicals, Inc. (now Evonik), Bayer Crop Science, Syngenta Crop Protection 40 CFR §180.910; §180.930 Final Rule: 7/29/2009 Lesley A. Schmid, Ph. D. Americas Technical Manager – Agriculture Interface & Performance Nutrition & Care Phone: 804-727-0777 Cell: 804-874-9235 Lesley.schmid@evonik.com
CST19 Compounds	CAS RN 9014-85-1
CST 20 84950	<u>Polyoxyethylene polyoxypropylene mono(di-sec-butylphenyl) ether</u> Dow AgroSciences 40 CFR §180.920 Limited to herbicide formulations only, and to no more than 30% by weight in herbicide formulations intended for application to turf Final Rule: 8/5/2009 Company Agent/Contact: Karen Swayze Dow AgroSciences 9330 Zionsville Road Indianapolis, Indiana 46268 (317) 337-3579 kmswayze@dow.com
CST20 Compounds	CAS RN 69029-39-6
CST 23	<u>Polyglyceryl phthalate ester of coconut oil fatty acids</u>

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
CST 23 84951	<u>Polyglyceryl phthalate ester of coconut oil fatty acids</u> Clariant Corporation, Dow AgroSciences, Syngenta Crop Protection 40 CFR §180.910 Final Rule: 7/8/2009 Company Agent/Contact: Larry Kessler Clariant Corporation 625 East Catawba Ave Mount Holly (West) NC, USA 28120 Tel: (704) 822-2099 Larry.Kesler@clariant.com
CST23 Compounds	CAS RN 67746-02-5, 66070-87-9
CST 24 84818	<u>Sodium Oleoyl Methyl Taurate</u> Bayer Crop Science, Dow AgroSciences, Rhodia Inc., Syngenta Crop Protection, Valent USA Corporation 40 CFR §180.910; §180.930 Final Rule: 7/29/2009 Company Agent/Contact: Glenn Simon Rhodia 8 Cedar Brook Drive, Cranbury, NJ 08512 919-786-9999 ext. 222 Glenn.Simon@us.rhodia.com
CST24 Compounds	CAS RN 137-20-2
25 84866	<u>N-alkyl (C8-C18) Primary Amines and Acetate Salts</u>

JITF CST/ COMPANY NUMBER/ COMPOUNDS	CLUSTER INFORMATION
25 84866	<u>N-alkyl (C8-C18) Primary Amines and Acetate Salts</u> Akzo Nobel Surface Chemistry LLC, BASF Corporation, Bayer Crop Science, Syngenta Crop Protection 40 CFR §180.920 Concentration in formulated endues products not to exceed 10% by weight in herbicide products, 4% by weight in insecticide products, and 4% by weight in fungicide products. Final Rule: 7/29/2009 Expansion: 08/18/2010 Company Agent/Contact: Khalid Akkari BASF 26 Davis Drive; P.O. Box 13528 Research Triangle Park, NC 27709. khalid.akkari@basf.com 919-547-2976
CST25 Compounds	CAS RN 61790-57-6, 61790-58-7, 61790-59-8, 61790-60-1, 61788-46-3, 61790-33-8, 68155-38-4