



**US Environmental Protection Agency
Office of Pesticide Programs**

**Petition for Etoxazole -
Tab E - Reduced Risk Petition/
OP Replacement Petition
MRID 45630502 -
Secure Miticide Reduced Risk Petition**

August 11 , 2010

2/15/02

Product: SECURE Miticide

Active Ingredient: Etoxazole

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850 2300	Effects On Reproduction in <i>Betula Quercifera</i> After Dietary Administration		Valent U.S.A. Corporation	OWN	
850 2300	S-1283 Effects On Reproduction in <i>Musca domestica</i> After Dietary Administration		Valent U.S.A. Corporation	OWN	
72-1	S-1283 Acute Toxicity to <i>Blattella germanica</i> (cockroach)	45089911	Valent USA Corporation	OWN	
72-1	S-1283 Acute Toxicity to <i>Rana temporaria</i> (American toad)	45089912	Valent USA Corporation	OWN	
72-1	Screening Study to Establish the Relative Acute Toxicity of Five Metabolites of S-1283 to <i>Daphnia magna</i> (Daphnia magna) Under Static-Renewal Conditions	45089913	Valent USA Corporation	OWN	
72-1	Screening Study to Establish the Relative Acute Toxicity of Five Metabolites of S-1283 to <i>Daphnia magna</i> (Daphnia magna) Under Static Conditions		Valent U.S.A. Corporation	OWN	
850 1075	Etoxazole Technical Grade - Acute Toxicity to <i>Siniperca kneri</i> (Cynilodon variegatus) Under Flow-Through Conditions		Valent U.S.A. Corporation	OWN	
850 1010	S-1283 TG - Acute Toxicity to <i>Daphnia magna</i> (Daphnia magna) Under Flow-Through Conditions	45089914	Valent USA Corporation	OWN	
850 1025	Etoxazole Technical Grade - Acute Toxicity to Eastern Oysters (<i>Crassostrea virginica</i>) under Flow-Through Conditions		Valent U.S.A. Corporation	OWN	
850 1035	Etoxazole Technical Grade - Acute Toxicity to Mysids (<i>Myadopsis bairdi</i>) under Flow-Through Conditions		Valent U.S.A. Corporation	OWN	
72-4	[14C]Etoxazole - Life-Cycle Toxicity Test with <i>Mytilus</i> (<i>Americanus bahia</i>)		Valent U.S.A. Corporation	OWN	
850 1350	[14C] S-1283 - The Full Life-Cycle Toxicity Test With Water Fleas (<i>Daphnia magna</i>) Under Flow-Through Conditions		Valent U.S.A. Corporation	OWN	
850 1400	S-1283 TG - Early Life Stage Toxicity Test With Rainbow Trout (<i>Oncorhynchus mykiss</i>)		Valent U.S.A. Corporation	OWN	
850 1730	S-1283: Bioaccumulation in Rainbow Trout		Valent U.S.A. Corporation	OWN	
HOME	Etoxazole 110 g/L SC Formulation: Indoor Aquatic Microcosm Study of the Ecological Effects on <i>Daphnia magna</i>		Valent U.S.A. Corporation	OWN	
81-1	Z-5-Y1 Acute Oral Toxicity to the Rat	45089915	Valent U.S.A. Corporation	OWN	
81-1	R-3 Acute Oral Toxicity to the Rat	45089916	Valent U.S.A. Corporation	OWN	

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Product: SECURE Miticide

Active Ingredient: Etofenprox

Guideline Reference Number	Guideline Study Name	IRID Number	Submitter	Status	MoS
81-1 870.1100	R-7 HCl Salt: Acute Oral Toxicity to the Rat An Acute Oral Toxicity Study in Rats with V-1283 72 WDG	45089917	Valent U.S.A. Corporation	Own	
81-1	Acute Oral Toxicity to Mice of Y1-5301	45089916	Valent USA Corporation	Own	
81-1	Acute Oral Toxicity to Rats of Y1-5301	45089919	Valent USA Corporation	Own	
870.1100	S-1283 5 WDG: Acute Oral Toxicity Study in Rats	45089920	Valent USA Corporation	OWN	
81-2 870.1200	Acute Dermal Toxicity to Rats of Y1-5301 An Acute Dermal Toxicity Study in Rats with V-1283 72 WDG	45089921	Valent USA Corporation	Own	READY
870.1300	S-1283 5 WDG: Acute Dermal Toxicity Study in Rats	45089922	Valent USA Corporation	OWN	
870.1300	An Acute Nose-Only Inhalation Toxicity Study in Rats with V-1283 72 WDG		Valent U.S.A. Corporation	OWN	
81-3 870.1300	Y1-5301: Acute Inhalation Toxicity Study in Rats	45089923	Valent USA Corporation	Own	
81-3	S-1283 5 WDG: Acute (4-Hour) Inhalation Toxicity Study in Rats Via Nose-Only Exposure	45089924	Valent USA Corporation	OWN	
81-4 870.2400	Eye Irritation to the Rabbit of Y1-5301 A Primary Eye Irritation Study in Rabbits with V-1283 72 WDG	45089925	Valent USA Corporation	Own	READY
870.2400	S-1283 5 WDG: Acute Eye Irritation Study in Rabbits	45089926	Valent USA Corporation	OWN	
870.2500	A Primary Skin Irritation Study in Rabbits with V-1283 72 WDG		Valent U.S.A. Corporation	OWN	
81-5 870.2500	Skin Irritation to the Rabbit of Y1-5301	45089927	Valent USA Corporation	OWN	
870.2500	S-1283 5 WDG: Acute Dermal Irritation Study in Rabbits	45089928	Valent USA Corporation	OWN	
870.2600	A Dermal Sensitization Study in Guinea Pigs with V-1283 72 WDG (Modified Buehler Design)		Valent U.S.A. Corporation	OWN	
81-6 870.2600	Y1-5301: Skin Sensitization in the Guinea Pig (Incorporating a positive control using formalin) (Buehler Method)	45089929	Valent USA Corporation	Own	
870.2600	S-1283 5 WDG: Skin Sensitization Study in Guinea Pig (Buehler Method)	45089930	Valent USA Corporation	OWN	
82-1	S-1283: 90-Day Subchronic Oral Toxicity Study in Rats	45089931	Valent USA Corporation	Own	
82-1	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Dogs - Week Dose Range Finding Study	45089932	Valent USA Corporation	OWN	
82-1	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Dogs	45089933	Valent USA Corporation	Own	
82-1	Y1-5301: 13 Week Oral Subchronic Toxicity Study in Rats - Week Dose Range Finding Study	45089934	Valent USA Corporation	Own	

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Product: SECURE Miticide

Active Ingredient: Etoazoxe


Guideline Reference Number	Guideline Study Name	MIRD Number	Submitter	Status	Note
82-1	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Rats	45098935	Valent USA Corporation	Own	
82-1	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Mice	45098936	Valent USA Corporation	OWN	
NONE	Y1-5301: 4-Week Supplementary Study in Rats	45098937	Valent USA Corporation	OWN	
NONE	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Mice #1 Week Dose Range Finding Study	45098938	Valent USA Corporation	Own	
NONE	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Rats Additional Study of Effect on Proliferative Activity of Testicular Interstitial Cells	45098939	Valent USA Corporation	Own	
NONE	Y1-5301: 13-Week Oral Subchronic Toxicity Study in Rats Biochemical and Pathological Analyses for Hepatomegaly	45098940	Valent USA Corporation	Own	
870 3200	20-Day Repeated Dose Dermal Toxicity Study of S-1283 TD in Rats	45098941	Valent USA Corporation	OWN	
83-1	Y1-5301: 12-Month Oral Chronic Toxicity Study in Dogs	45098942	Valent USA Corporation	Own	
83-2	Y1-5301: 18-Month Oral Oncogenicity Study in Mice	45099001	Valent USA Corporation	OWN	
870 4203	S-1283: 18-Month Oral Oncogenicity Study in Mice	45571801	Valent U.S.A. Corporation	OWN	
83-3	Y1-5301: Teratogenicity Study in Rabbits Preliminary Study	45099002	Valent USA Corporation	OWN	
83-3	Y1-5301: Teratogenicity Study in Rabbits	45099003	Valent USA Corporation	Own	
83-3	Y1-5301: Teratogenicity Study in Rats Preliminary Study	45099004	Valent USA Corporation	Own	
83-3	Y1-5301: Teratogenicity Study in Rats	45099005	Valent USA Corporation	Own	
83-4	Y1-5301: Two-Generation Reproduction Study in Rats Preliminary Study	45099006	Valent USA Corporation	Own	
83-4	Y1-5301: Two-Generation Reproduction Study in Rats	45099007	Valent USA Corporation	Own	
83-5	S-1283: 24-Month Oral Chronic Toxicity and Oncogenicity Study in Rats	45099008	Valent USA Corporation	OWN	
83-5	Y1-5301: 24-Month Oral Chronic Toxicity and Oncogenicity Study in Rats	45250903	Valent USA Corporation	OWN	
870 4300	S-1283: 24-Month Oral Chronic Toxicity and Oncogenicity Study in Rats	45571802	Valent U.S.A. Corporation	OWN	
84-2	2,5-Y1 Bacterial Mutation Assay	45099009	Valent USA Corporation	Own	
84-2	Micronucleus Test on S-1283 in CD-1 Mice	45099010	Valent USA Corporation	Own	
84-2	R-3 Bacterial Mutation Assay	45099011	Valent USA Corporation	Own	
84-2	R-7 HCl Salt Bacterial Mutation Assay	45099012	Valent USA Corporation	Own	
84-2	S-1283 Mammalian Cell Mutation Assay	45099013	Valent USA Corporation	OWN	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Item
84-2	8-1283: Measurement of Unscheduled DNA Synthesis in Rat Liver Using an In Vitro Virus Procedure	41600014	Valent U.S.A. Corporation	OWN	
84-2	Y1-6301: In Vitro Cytogenetics Test	41346964	Valent U.S.A. Corporation	OWN	
84-3	Y1-6301: Reverse Mutation Test	41356965	Valent U.S.A. Corporation	OWN	
870 5100	Reverse Mutation Test of 8-1283 in Salmonella typhimurium Strain TA102	40990015	Valent U.S.A. Corporation	OWN	
89-1	14C-Y1-6301 Metabolism in the Rat	41508016	Valent U.S.A. Corporation	OWN	
132-1(a)	Tier 1 Seedling Emergence Nontarget Phytotoxicity Study Using Etoazoxole		Valent U.S.A. Corporation	OWN	
132-1(b)	Tier 1 Vegetative Nontarget Phytotoxicity Study Using Etoazoxole		Valent U.S.A. Corporation	OWN	
850 8400	87 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	88 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	89 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	90 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	91 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	92 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	93 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	94 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	95 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	96 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	97 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	98 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
850 8400	99 - Toxicity to the Freshwater Green Alga, <i>Selenastrum capricornutum</i>		Valent U.S.A. Corporation	OWN	
143-1	140J8-1283 - Acute Toxicity to Honey Bees (<i>Apis mellifera</i>) (aphid) During A 10-Day Settlement Exposure Under Stable Renewal Conditions		Valent U.S.A. Corporation	OWN	
143-1	Assessment of the Practical Medium Term Consequences of PHF 8502 (PHILARIGO France) on the Predators of the Red Wasp (<i>P. umb</i>) and on the Other Auxiliary Entomophages in Apple Orchards		Valent U.S.A. Corporation	OWN	
143-1	A Laboratory Evaluation of the Effects of the Acaricides piperonyl butoxide (PBO) and piperonyl ethoxide (PEO) on the Larvae of the Housefly (<i>Musca domestica</i>)		Valent U.S.A. Corporation	OWN	
143-1	A Laboratory Study to Evaluate the Effects of PHF 8502 Containing 110 g/l Etoazoxole (8-1283) on Adult and Juvenile Life Stages of the Parasitic Wasp <i>Apanteles rhyssalus</i>		Valent U.S.A. Corporation	OWN	
143-1	A Laboratory Study to Evaluate the Effects of PHF 8502 Containing 110 g/l Etoazoxole (8-1283) on the Heteropteran <i>Rug Chas laevigatus</i>		Valent U.S.A. Corporation	OWN	
143-1	Non Invertebrate Effects on T. Pyr.		Valent U.S.A. Corporation	OWN	

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Inuse
143-1	Non Target Effects on T. Pyr		Valent U.S.A. Corporation	OWN	
143-1	Non Target Effects of PHF 8502 on Neoselolus californicus (Agreement Referenced CV22A/RD 1098)		Valent U.S.A. Corporation	OWN	
143-1	Potter Tower Test PHF 8502 on Neoselolus californicus (Adults) Potter Tower Test with Male Housing (Agreement Referenced CV2ARBO 1996)		Valent U.S.A. Corporation	OWN	
143-1	Potter Tower Test PHF 8502 on Typhlodromus pyti (Adults) (Agreement Referenced CV2IARBO 1998)		Valent U.S.A. Corporation	OWN	
143-1	Study of Unintentional Effects of the Product PHF 8502 On Two Populations of T. Pyr		Valent U.S.A. Corporation	OWN	
161-1	The Hydrolysis of VI-5301	45090017	Valent USA Corporation	OWN	
161-2	14C-VI-5301 Photodegradation in Water	45090018	Valent USA Corporation	OWN	
161-3	16-1283 Photodegradation on Soil	45090020	Valent USA Corporation	OWN	
162-1	14C-S-1283 Aerobic Soil Metabolism and Route of Degradation	45090015	Valent USA Corporation	OWN	
162-1	Metabolism of [1,1-bis(4-phenyl-14C) and [1,1-bis(phenyl-14C)]S-1283 in Aerobic Soil	45090021	Valent USA Corporation	OWN	
NDNE	14C-S-1283 Rate of Degradation in Four Soils	45090022	Valent USA Corporation	OWN	
162-3	14C-S-1283 Anaerobic Soil Metabolism	45090023	Valent USA Corporation	OWN	
162-3	Anaerobic Aquatic Metabolism of [1,1-bis(4-phenyl-14C)Eloaxazole and [1,1-bis(phenyl-14C)Eloaxazole	45250006	Valent U.S.A. Corporation	OWN	
163-1	14C-R-7 Adsorption/Desorption on Soil	45250007	Valent USA Corporation	OWN	
163-1	14C-R-8 Adsorption/Desorption on Soil	45250008	Valent USA Corporation	OWN	
163-1	14C-R-13 Adsorption/Desorption on Soil of R-13 A Soil Metabolism of S-1283	45090024	Valent USA Corporation	OWN	
163-1	14C-S-1283 Adsorption/Desorption on Soil	45090025	Valent USA Corporation	OWN	
163-1	Metabolites R-3, R-4 and R-7 of S-1283 Determination of Soil Adsorption Coefficient (Koc) by HPLC	45090026	Valent USA Corporation	OWN	
163-1	Soil Adsorption/Desorption of Eloaxazole (S-1283) and Its Metabolite, R-13	45090028	Valent USA Corporation	OWN	
164-1	S-1283: Dissipation From Four Field Soils	45250009	Valent USA Corporation	OWN	
164-1	Terrestrial Field and Soil Dissipation of Eloaxazole on Bare Ground in California		Valent U.S.A. Corporation	OWN	
164-1	Terrestrial Field Soil Dissipation of Eloaxazole on Bare Ground in Idaho		Valent U.S.A. Corporation	OWN	
164-1	Terrestrial Field S.C.D. Dissipation of Eloaxazole on Bare Ground in North Dakota		Valent U.S.A. Corporation	OWN	

2/15/02	Product: SECURE Miticide	Active Ingredient: Etoxazole
Guidance Reference Number: 860.1400	Guidance Study Name Independent Laboratory Validation of Visual Method RM-375-2, Determination of Etoxazole, R1 and R13 Metabolites in Soil	Status OWN
860.1400	Independent Laboratory Validation of Visual Method RM-375-2, Determination of Etoxazole, R1, R13, and R11 in Soil	OWN
860.1400	A Combined Accumulation in Rotational Crops Study on (difluorophenyl-14C) S-1283 and (tert-butyl-14C) S-1283 using Wheat, Lentils and Radish	OWN
860.1340	Independent Laboratory Validation of the Analytical Method for Determining Residues of Etoxazole in Cottonseed	OWN
860.1340	Validation of the Residue Analytical Method for S-1283 in Bovine Fat	OWN
860.1340	Validation of the Residue Analytical Method for S-1283 in Milk	OWN
860.1480	Magnitude of the Residue of Etoxazole in Dairy Cattle Milk and Meat	OWN
860.1500	Magnitude of the Residue of Etoxazole on Apples and Processed Apple Products	OWN
860.1520	Magnitude of the Residue of Etoxazole on Peas	OWN
860.1500	Storage Stability of Etoxazole on Apples	OWN
860.1520		OWN
860.1300	14C-YI-5351 The Metabolism of 14C-YI-5301 in Oranges	OWN
860.1300	The Metabolism of 14C-YI-5301 in Apples	OWN
860.1300	The Metabolism of 14C-YI-5301 in Egg Plants	OWN
860.1300	Half-life of Residues: Metabolism of (tert-butylphenyl-14C) and (difluorophenyl-14C) S-1283 by Cotton	OWN
860.1300	Nature of Residues: Metabolism of (tert-butylphenyl-14C) and (difluorophenyl-14C) S-1283 in Laying Hens	OWN
860.1300	S-1283, Metabolism in the Lactating Goat	OWN
860.1300	Validation of the Extraction Efficiency of the Analytical Method for Determination of Etoxazole and Metabolites R1,3 in Cotton Gin Trash	OWN
860.1340		OWN

2/15/02	Product	SECURE Miticide	Active Ingredient	Etoxazole	
Guideline Reference Number	Guideline Study Name	IRIS Number	Submitter	Status	Notes
860 1340	Etoxazole: Independent Laboratory Validation (ILV) of the Multi-Residue Method DFG S19 for the Determination of Residues of Etoxazole in Mandarin (Peel and Pulp)		Valent U.S.A. Corporation	OWN	
860 1340	Independent Laboratory Method Validation of Valent Analytical Method RM-37GT-1 for Etoxazole and R3 in Cotton-Gin Trash		Valent U.S.A. Corporation	OWN	
860 134C	Independent Laboratory Validation of the DFU Method S 19 with Modified Extraction for the Determination of Residues of Etoxazole (S-1283) in Specimens of Fruits with High Acid Content (Citrus)		Valent U.S.A. Corporation	OWN	
860 134D	Validation of DFU Method S 19 with Modified Extraction for the Determination of Residues of Etoxazole (S-1283) in Field Samples of Fruit with High Acid Content (Citrus)		Valent U.S.A. Corporation	OWN	
860 1360	Freezer Storage Stability Study of Etoxazole (S-1283) in/on Mandarin (Peel and Pulp)		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole in Mandarin Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole in Mandarin Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole in Mandarin Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole in Mandarin Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole in Mandarin Raw Agricultural Commodity		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole on Citrus and its Processed Products		Valent U.S.A. Corporation	OWN	
860 1500	Magnitude of the Residue of Etoxazole on Strawberries		Valent U.S.A. Corporation	OWN	
860 1500	Evaluation of Etoxazole and Etoxazole Metabolite R-3 Through the FDA Microbiological Methods		Valent U.S.A. Corporation	OWN	
201-1	Atomization Droplet Size Spectra for V-1283 72 WDG		Valent U.S.A. Corporation	OWN	
875 1400	Handler Exposure Assessment and Potential Risk of Secure Miticide Applied to Pome Fruit, Citrus, and Strawberry Crops		Valent U.S.A. Corporation	OWN	
875 1400	Occupational Exposure Assessment and Potential Risk of YtreStar™ 5 WDG Applied to Greenhouse Cucumber	45960037	Valent U.S.A. Corporation	OWN	
875 2400					

2/15/02		Product: SECURE Miticide		Active Ingredient: Etoxazole	
Guideline Reference Number	Guideline Study Name	AMID Number	Submitter	Status	Note
875 2100	Minor Request for Postapplication Exposure Data for Etoxazole		VAMT U.S.A. Corporation	OWN	
875 2000					
875 2500					
Signature 			Name and Title: James W. Penay, Project Manager		Date: 2/15/2002

EPA Form 8570-3 (10-97) Electronic and Paper versions available

APPENDIX II- PROPOSED PRODUCT LABEL

SECURE™ Miticide

Active Ingredient	By Wt.
*Etoxazole.....	72%
Other Ingedient.....	28%
Total	100%

*2-(2,6-difluorophenyl)-4-[4-(1,1-dimethylethyl)-2-ethoxyphenyl]-4,5-dihydrooxazole

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT _____

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Avoid breathing dust.

FIRST AID	
If in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If Inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment information.	

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves, and socks plus shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should: <ul style="list-style-type: none">• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS:

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: Long-sleeved shirt and long-pants, waterproof gloves, and shoes plus socks.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,
LIMITED WARRANTY
AND LIMITATION OF LIABILITY**

IMPORTANT: Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

RISKS OF USING THIS PRODUCT

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

LIMITED WARRANTY

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

LIMITATION OF LIABILITY

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is latter, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims in such period, it shall be barred from obtaining any remedy.

NO AMENDMENTS

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

NOTICE: Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

COTTON

CROP	PESTS	PRODUCT RATE OZ./ACRE	SPECIAL INSTRUCTIONS
Cotton	Twospotted Spider Mite Carmine Spider Mite Pacific Spider Mite	0.66 – 1.0	<p>Apply with air or ground equipment in adequate water for uniform coverage (3 to 10 gals./acre by air or 10 to 50 gals./acre by ground). Coverage is essential for good control. Use of higher water volume will assure better coverage.</p> <p>Best results are achieved when mite populations are low. SECURE is predominately an ovicide/larvicide and should be used early in the life cycle of mites. The product should be applied at the threshold for your area. SECURE is not an adulticide and if adult mites are present in medium to high numbers, apply SECURE in combination with a registered contact adulticide.</p> <p>Make a second application if necessary to maintain control but no sooner than 21 days after the first application. Do not make more than 2 applications per season.</p>
<p>Do not apply more than 2 oz. of SECURE per acre per season. Do not apply within 28 days of harvest.</p>			

MANAGING RESISTANCE: Repeated use of the same class of miticides or miticides with similar modes of action can lead to the buildup of resistant mite strains. SECURE should be used in alternation with other miticides possessing dissimilar modes of action and/or with other chemical classes of miticides. Follow local, state, and federal IPM and Resistance Management (RM) recommendations. Read and follow all product labels before applying any miticide.

POME FRUIT

CROPS	PESTS	PRODUCT RATE OZ./ACRE	SPECIAL INSTRUCTIONS
Pome Fruit such as Apple Pear Crabapple Loquat Quince	European Red Mite McDaniel Spider Mite	2.0 – 3.0	Apply by ground with airblast equipment in a minimum of 50 gals./acre. Coverage is essential for good control. Use of higher water volume will assure better coverage. Best results are achieved when mite populations are low. SECURE is predominately an ovicide/larvicide and should be used early in the life cycle of mites. The product should be applied at threshold for your area. SECURE is not an adulticide and if adult mites are present in medium to high numbers, apply SECURE in combination with a registered contact adulticide. Make a second application if necessary to maintain control but no sooner than 21 days after the first application. Do not make more than 2 applications per season. SECURE will not control Rust Mites or Blistar Mites. If these pests are a problem, use an alternative miticide registered for that use.
	Twospotted Spider Mite Pacific Spider Mite	3.0	
Do not apply more than 6 oz. of SECURE per acre per season. Do not apply within 28 days of harvest.			

MANAGING RESISTANCE: Repeated use of the same class of miticides or miticides with similar modes of action can lead to the buildup of resistant mite strains. SECURE should be used in alternation with other miticides possessing dissimilar modes of action and/or with other chemical classes of miticides. Follow local, state, and federal IPM and Resistance Management (RM) recommendations. Read and follow all product labels before applying any miticide.

STRAWBERRY

CROP	PESTS	PRODUCT RATE OZ./ACRE	SPECIAL INSTRUCTIONS
Strawberry	Twospotted Spider Mite Pacific Spider Mite	2.0 – 3.0	<p>Apply with ground equipment in a minimum of 100 gallons/acre. Coverage is essential for good control. Use of higher water volume will assure better coverage.</p> <p>Best results are achieved when mite populations are low. SECURE is predominately an ovicide/larvicide and should be used early in the life cycle of mites. The product should be applied at threshold for your area. SECURE is not an adulticide and if adult mites are present in medium to high numbers, apply SECURE in combination with a registered contact adulticide.</p> <p>Do not make consecutive applications with SECURE. If an additional application is needed after applying SECURE, use another miticide with a dissimilar mode of action or different class of chemistry.</p> <p>Do not make more than 2 applications of SECURE per season.</p> <p>SECURE will not control Cyclamine Mite. Another miticide registered for this pest should be used if these mites are a problem.</p>
	Lygus Spittle Bug Tarnished Plant Bug	0.66 – 1.0 + DANITOL® (0.2 lb. ai/A)	<p>Apply with ground equipment in adequate water for uniform coverage (100 to 300 gals./acre).</p> <p>Alternate with other non-pyrethroid insecticides if retreatment is needed in less than 30 days to comply with local IPM programs.</p> <p>Comply with all applicable directions, restrictions, and precautions on the registered label for Danitol 2.4 EC.</p>
<p>Do not apply more than 6 oz. of SECURE per acre per season. Do not apply within 1 day of harvest.</p>			

MANAGING RESISTANCE: Repeated use of the same class of miticides or miticides with similar modes of action can lead to the buildup of resistant mite strains. SECURE should be used in alternation with other miticides possessing dissimilar modes of action and/or with other chemical classes of miticides. Follow local, state, and federal IPM and Resistance Management (RM) recommendations. Read and follow all product labels before applying any miticide.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.
Open dumping is prohibited.

STORAGE

Keep pesticide in original container.
Do not put concentrate or dilute into food or drink containers.
Store in cool, dry place.
Do not store diluted spray.

EMERGENCY RESPONSE: For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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SECURE™ - TM of Valent U.S.A. Corporation

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Made in U.S.A.

EPA Reg. No. 59639-XXX
EPA Est. No.

**APPENDIX III - ECOLOGICAL EFFECTS COMPARATIVE RISK
ASSESSMENT TABLES AND GENECC CALCULATIONS**

ECOLOGICAL EFFECTS COMPARATIVE RISK ASSESSMENT

Etoxazole has been compared to eight competitive products, which have the same or similar pest spectra as etoxazole and are the active ingredients in the products found to be used in pome fruit, cotton, and strawberry agriculture. The selection of these chemicals and their relative market shares in these crops were based on marketing data from Doane Marketing Research, Inc., Richard F. Buhn's publication, "Insecticide And Acaricide Usage On Tree Fruit, Vines, Citrus And Nuts", and Summary Of Pesticide Use Report Data published by the California Department Of Pesticide Regulation.

Etoxazole is compared to each of these eight compounds for Estimated Environmental Concentrations (EEC) and risk. The Tier 1, screening-level assessments of risk provided here are based on environmental fate and ecological toxicity data from various sources (See References). Environmental fate data as well as maximum label rates, maximum application frequency and number of applications are tabulated by crop. The EEC's were calculated using GENEEC v. 2.0.

The ecotoxicity data is presented for all compounds by endpoint. Included are acute toxicity to three fish and three invertebrate species (including saltwater organisms), chronic toxicity to fish and freshwater and saltwater invertebrates, acute oral LD₅₀'s and dietary LC₅₀'s for two avian species, and chronic (reproduction) data for two species of birds.

The screening-level risk estimates for aquatic organisms are based on the EEC divided by the lowest ecotoxicity value for each ecotoxicology endpoint by crop across all compounds. The 4-Day average EEC was used to derive the acute RQ values; the 21-day average EEC was used to derive the chronic RQ values for invertebrates; and the 60-day average EEC was used to derive the chronic RQ values for fish.

The screening-level risk estimates for avian species were calculated by dividing the peak residue on short range grass (derived from Kenega) by the lowest ecotoxicity value for each avian endpoint by crop across all compounds.

RQ values greater than one indicate high risk while values less than 0.1 indicate minimal risk.

The risk assessment for etoxazole in this document was conducted to compare the risks associated with the use of SECURE Miticide to those of the competitive products. More thorough ecological risk assessments (Tier 1 and Tier 2) for etoxazole have been conducted and are presented in Section G of the Secure Miticide tolerance petition, which has been submitted to EPA concurrently with this reduced-risk petition.

**Application Data Used to Perform GENECC Calculations
(all values in ug/l; ppb)**

Pome Fruits Products

Active Ingredient	Clofentezine	Etoazole	Pyridaben	Herythiazox	Fenbutatin-oxide
Label Name	Apollo	Secure	Pyramite	Savey 50 WP	Vendex 50 WP
Maximum Appl. Rate (lbs a.i./A)	0.25	0.135	0.5	0.19	1.0
Maximum No. Appl./yr.	1	2	2	1	2
# Days between appl.	NA	21	30	NA	0

Cotton Products

Active Ingredient	Etoazole	Propargite	Profenofos	Dicofol	Aldicarb
Label Name	Secure	Comite	Curacron 8E	Kelthane MF	Temik
Maximum Appl. Rate (lbs a.i./A)	0.045	1.6	1.0	1.5	16.5 ²
Maximum No. Appl./yr.	2	3	5 ¹	1	2
# Days between appl.	21	7	5	NA	0

¹ Label allows 6 applications but RED limits seasonal total to 5 lbs.a.i/A.

² Label allows 20 lbs. a.i./A per application but limits seasonal total to 33 lbs. a.i./A

Strawberry Products

Active Ingredient	Etoazole	Herythiazox	Fenbutatin-oxide	Propargite
Label Name	Secure	Savey 50 WP	Vendex 50 WP	Omite
Maximum Appl. Rate (lbs a.i./A)	0.135	0.19	1.5	1.92
Maximum No. Appl./yr.	2	1	3	2
# Days between appl.	21	NA	0	21

Environmental Data Used to Perform GENEEC Calculations

Active Ingredient	Clofentezine	Etoxazole	Pyridaben	Hexythiazox	Fenbutatin Ox ¹	Propargite ¹	Profenofos	Dicofol ¹	Aldicarb
Koc	11,000	17150 ²	NA ¹	6200	2300	2963	840	5868	30
Soil aerobic metabolism (t _{1/2}) (days)	56	28 ⁴	<21	35	>180	504	8	43	30
Wetted in?	No	No	No	No	No	No	No	No	No
Incorporation depth (in.)	0	0	0	0	0	0	0	0	2
Application Method	Ground	Grd & Air ⁵	Ground	Air	Air ⁶	Ground	Ground	Air	Ground
Water Solubility (pH 7)(ppm)	1.00	0.070	0.012	0.05	0.013	0.62	28	1.32	6000
Aerobic aquatic metabolism (t _{1/2})(days)	-	-	-	-	-	114	-	-	-
Hydrolysis ((t _{1/2})(days)(pH 7)	1.43	161	Stable	Stable	Stable	45-75	14.6	2.7	Stable
Aqueous Photolysis ((t _{1/2})(days)	<7	17.4	0.02	16.6	>100	140	-	30	11.9

¹Values for this product taken from Reregistration Eligibility Document (RED)

²Mean of 8 values, ranging from 4910 to 55,275

³Data not available-use 4910 (minimum K_{oc} for etoxazole) for comparison purposes

⁴EPA t-test on 8 values

⁵Aerial application of etoxazole is limited to cotton

⁶Requires 125 ft. buffer

Summary of Aquatic Estimated Environmental Concentrations

(EEC's, expressed in ppb)

Pome Fruits Products

Active Ingredient	Clofentezine	Etoazole	Pyridaben	Hexythiazox	Fenbutatin-oxide
4-Day Average ¹	1.23	2.68	5.28	3.03	13.0
21-Day Average ²	0.27	2.58	1.49	3.02	13.0
60-Day Average ³	0.10	2.36	0.52	3.00	13.0

Cotton Products

Active Ingredient	Etoazole	Propargite	Profenofos	Dicofol	Aldicarb
4-Day Average ¹	0.924	80.06	55.39	12.62	953
21-Day Average ²	0.889	76.05	38.49	3.73	949
60-Day Average ³	0.814	67.83	20.11	1.31	941

Strawberry Products

Active Ingredient	Etoazole	Hexythiazox	Fenbutatin-oxide	Propargite
4-Day Average ¹	2.51	3.03	13.0	63.6
21-Day Average ²	2.41	3.02	13.0	60.4
60-Day Average ³	2.21	3.00	13.0	53.9

¹ Used for calculation of acute risk quotients

² Used for calculation of chronic risk quotients for invertebrates

³ Used for calculation of chronic risk quotients for fish

GENEEC Simulation – Clofentezine on Pome Fruit

RUN No. 1 FOR Clofentezine		ON Pome Fruit		* INPUT VALUES *			
RATE (#/AC) ONE (MULT)	No. APPS & INTERVAL	SOIL Koc	SOLUBIL (PPM)	APPL TYPE (%DRIFT)	NO-SPRAY (FT)	INCRP (IN)	
.250 (.250)	1 1	11000.0	1.0	ORCHAR (9.7)	.0	.0	
FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)							
METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)		
56.00	2	1.43	7.00-	868.00	.00	1.43	
GENERIC EECs (IN MICROGRAMS/LITER (PPB))							
PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC			
2.79	1.23	.27	.10	.06			

GENEEC Simulation – Etoxazole on Pome Fruit

RUN No. 1 FOR SECURE		ON POME FRUIT		* INPUT VALUES *			
RATE (#/AC) ONE (MULT)	No. APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (%DRIFT)	NO-SPRAY (FT)	INCRP (IN)	
.135 (.215)	2 21	17150.0	70.0	ORCHAR (9.7)	.0	.0	
FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)							
METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)		
28.00	2	161.00	17.40-	2157.60	.00	149.82	
GENERIC EECs (IN MICROGRAMS/LITER (PPB))							
PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC			
2.70	2.68	2.58	2.36	2.21			

GENEEC Simulation – Pyridaben on Pome Fruit

RUN No. 1 FOR Pyridaben		ON Pome Fruit		* INPUT VALUES *			
RATE (#/AC) ONE(MULT)	No.APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (%DRIFT)	NO-SPRAY (FT)	INCRP (IN)	
.500(.686)	2 30	4910.0	12.0	ORCHAR(9.7)	.0	.0	

FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)

METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)
21.00	2	N/A	.02-	2.48	.00 2.48

GENERIC EECs (IN MICROGRAMS/LITER (PPB))

PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC
8.76	5.28	1.49	.52	.35

GENEEC Simulation – Hexythiazox on Pome Fruit

RUN No. 1 FOR Hexythiazox		ON Pome Fruit		* INPUT VALUES *			
RATE (#/AC) ONE(MULT)	No.APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (%DRIFT)	NO-SPRAY (FT)	INCRP (IN)	
.190(.190)	1 1	6200.0	50.0	AERL_B(13.0)	.0	.0	

FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)

METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)
35.00	2	N/A	16.60-	2058.40	.00 2059.40

GENERIC EECs (IN MICROGRAMS/LITER (PPB))

PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC
3.03	3.03	3.02	3.00	2.99

GENEEC Simulation – Fenbutatin-oxide on Pome Fruit

RUN No. 1 FOR Fenbutatin oxide ON Pome Fruit * INPUT VALUES *

RATE (#/AC) ONE(MULT)	No.APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (\$DRIFT)	NO-SPRAY (FT)	INCOPE (IN)
1.000(2.000)	2 0	2300.0	13.0	AERL_B(4.2)	125.0	.0

FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)

METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)
180.00	2	N/A	100.00-12400.00	.00	*****

GENERIC EECs (IN MICROGRAMS/LITER (PPB))

PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC
13.00	13.00	13.00	13.00	13.00

GENEEC Simulation – Etoxazole on Cotton

RUN No. 1 FOR SECURE ON COTTON * INPUT VALUES *

RATE (#/AC) ONE(MULT)	No.APPS & INTERVAL	SOIL Koc	SOLUBIL (PPB)	APPL TYPE (\$DRIFT)	NO-SPRAY (FT)	INCOPE (IN)
.045(.072)	2 21	17150.0	70.0	AERL_B(13.0)	.0	.0

FIELD AND STANDARD POND HALFLIFE VALUES (DAYS)

METABOLIC (FIELD)	DAYS UNTIL RAIN/RUNOFF	HYDROLYSIS (POND)	PHOTOLYSIS (POND-EFF)	METABOLIC (POND)	COMBINED (POND)
28.00	2	161.00	17.40- 2157.60	.00	149.82

GENERIC EECs (IN NANOGRAMS/LITER (PPTr))

PEAK GEEC	MAX 4 DAY AVG GEEC	MAX 21 DAY AVG GEEC	MAX 60 DAY AVG GEEC	MAX 90 DAY AVG GEEC
932.72	924.15	888.85	814.46	762.90