



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 432-834	2. EPA Product Manager Mr. George LaRocca	3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted
4. Company/Product (Name) DeltaGard T&O 5SC Insecticide	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Aventis Environmental Science USA, LP 95 Chestnut Ridge Road Montvale, NJ 07645 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION MAR 12 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.
- Added control of glassy winged sharpshooter to the label

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Richard M. Gorrell		Title Manager, Registrations	
		Telephone No. (Include Area Code) (201) 307-3376	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature <i>Richard M. Gorrell</i>		3. Title Manager, Registrations	
4. Typed Name Richard M. Gorrell		5. Date March 5, 2002	



DeltaGard[®] T&O

NOTIFICATION

MAR 12 2002

FOR COMMERCIAL USE ONLY. TO CONTROL INSECT PESTS OUT-DOORS ON ORNAMENTALS AND LAWNS IN LANDSCAPED AREAS AROUND RESIDENTIAL, INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL BUILDINGS, PARKS, RECREATIONAL AREAS AND ATHLETIC FIELDS

NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH PURPOSES

ACTIVE INGREDIENT:

Deltamethrin:

4.75%

OTHER INGREDIENTS:

95.25%

100.00%

Contains 0.42 lb deltamethrin per gallon.

EPA Reg. No. 432-834

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN**CAUTION**

SEE INSIDE PANEL FOR FIRST AID AND ADDITIONAL PRECAUTIONS

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

IN CASE OF MEDICAL, ENVIRONMENTAL, OR TRANSPORTATION EMERGENCIES OR IN-QUIRIES, CALL 1-800-334-7577 (24 HOURS/DAY).

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-331-2867

NET CONTENTS:*Produced By:***AVENTIS ENVIRONMENTAL SCIENCE USA LP**

95 Chestnut Ridge Road Montvale, NJ 07645

FIRST AID

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor.

If In Eyes: Hold eyes 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. Call a poison control center or doctor for treatment advice.

If On Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center for treatment advice.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor for treatment.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Contact with product may result in transient tingling and reddening of the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Wear protective clothing when using or handling this product to help avoid exposure to eyes and skin. Eye protection, gloves, a long-sleeved shirt, and long-legged pants or coveralls are recommended.

Do not allow adults, children, or pets on treated surfaces until spray has dried.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Use with care when applying in areas adjacent to any body of water. Do not apply on saturated soil. Do not contaminate ornamental fish ponds. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

This pesticide is highly toxic to bees exposed to direct treatment. Do not apply or allow it to drift to crops or weeds on which bees are actively foraging.

Notify State and/or Federal authorities and AgrEvo Environmental Health immediately if you observe any adverse environmental effects due to the use of this product.

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

DELTA GARD™ T&O 55C Insecticide is a suspension concentrate formulation of deltamethrin containing the equivalent of 0.42 lb active ingredient per gallon. DELTA GARD T&O 55C is a pyrethroid product which controls a broad spectrum of insects on turfgrasses and ornamental plants grown for nonfood or nonfeed uses. These areas include outdoor areas where turfgrasses and ornamentals are grown, such as athletic fields, recreational areas, residential landscapes, parks, and public and commercial sites. This product will provide effective knockdown and residual control of the pests listed on this label. Uniform coverage is essential. Begin applications when pests are evident and repeat as needed.

GENERAL HANDLING AND MIXING INSTRUCTIONS

Shake container well before using. Add approximately one-half of the water to the spray tank. Then add the proper amount of DELTA GARD T&O 55C Insecticide in water in accordance with the appropriate Application Rate table. Close the tank and agitate vigorously for 5 to 10 seconds, then add the remaining water slowly to avoid excess foam. Thoroughly agitate sprayer to ensure proper suspension. If spraying is interrupted when using a backpack or hand-held spray equipment, reinvent sprayer before use. If spray screens are used, they should be 50 mesh or larger.

DILUTE DELTA GARD T&O 55C Insecticide ONLY WITH WATER. Prepare spray solution when ready to make applications.

APPLICATION INSTRUCTIONS AND RECOMMENDATIONS

TURFGRASS SITES

Apply DELTA GARD T&O 55C Insecticide as a broadcast application using a conventional hydraulic boom-type sprayer or other suitable equipment for turfgrass pests according to the rates listed in the APPLICATION RATES FOR TURFGRASS SITES table. Apply using a minimum of 2 gallons of water per 1000 sq. ft. Higher volumes (4 to 10 gallons of water per 1000 sq. ft.) may be needed for adequate coverage of dense turfgrass canopies and/or turfgrasses maintained under high mowing heights.

Target insects must be exposed to the insecticide to be controlled. For optimum control of surface-feeding insects, delay irrigation or mowing for 24 hours after application. For subsurface-feeding insects, irrigate with 0.25 to 0.5 inch of water immediately after application.

Tank Mix Recommendations - DELTA GARD T&O 55C Insecticide has been found to be compatible with many commonly used pest control and fertilizer products. When tank mixing DELTA GARD T&O, observe all restrictions and precautions and limitations which appear on the label of each product. For any tank mixture which has not been previously tested, mix the correct proportion of products and water in a quart jar to ensure proper physical compatibility of the mixture.

Tank mixtures of DELTA GARD T&O 55C Insecticide with silicone surfactants may improve the control of some insects.

APPLICATION RATES FOR TURFGRASS SITES

Turfgrass Sites	Pests	Rates	Remarks
Areas such as residential and recreational lawns	Armyworms, Cutworms, Sod webworms	0.2 to 0.4 fl.oz. per 1000 sq. ft. or 8.75 to 17.5 fl.oz. per Acre or 0.03 to 0.06 lb ai/A	Apply when pests become evident.
	Ants, Centipedes, Chiggers, Cockroaches, Crickets, Fleas (adult), Grasshoppers, Ground beetles, Japanese beetles (adults), Leafhoppers, Mealybugs, Pillbugs, Scorpions, Sowbugs, Springtails, Spiders, Ticks (including black-legged ticks or deer ticks)	0.4 to 0.6 fl.oz. per 1000 sq. ft. or 17.5 to 26 fl.oz. per Acre or 0.06 to 0.08 lb ai/A	Apply as a broadcast spray in a minimum of 2 gallons of water per 1000 sq. ft.
	Annual bluegrass weevil (Hyperodes adult), Billbugs (adult), Black turfgrass abaxius (adult), Chinch bugs, Mites*, Mole	0.6 to 0.9 fl.oz. per 1000 sq. ft. or 26 to 39 fl.oz. per Acre or 0.08 to 0.13 lb ai/A	Delay irrigation or mowing for 24 hours after application for optimum control of surface feeders such as cutworms and sod webworms.
	Red imported fire ants**	1.5 fl.oz./gallon	For subsurface feeders, such as mole crickets, irrigate with 0.25 to 0.5 inch of water immediately after application. The addition of a silicone surfactant may enhance mole cricket control.

*Suppression Only

**For control of fire ants, mix 1.5 fl. oz. DELTA GARD T&O 55C Insecticide per one gallon of water and apply as a drench treatment to each fire ant mound. Gently apply 1 to 2 gallons over the surface of each mound and surrounding area to approximately 2 feet in diameter. Whenever possible, avoid excessive disturbance of the mounds since high pressure sprays may cause ant migration, reducing product effectiveness. For best results, apply in cool weather during spring and fall (65°-80°F) or early morning or late evening hours. If possible, apply after a recent rainfall. Make additional treatments as needed and treat new mounds as they appear.

RESTRICTIONS FOR TURFGRASS APPLICATIONS

Do not apply this product by aerial application or by any type of chemigation system. Do not apply when wind speed is greater than 15 mph. Apply product using spray nozzles which produce coarse droplet size, such as flood jet nozzles. Do not apply when turfgrass areas are waterlogged or the soil is saturated with water (i.e., will not accept irrigation).

LANDSCAPE ORNAMENTALS

DELTAGARD T&O 5SC Insecticide provides control of a wide range of insects on landscape ornamentals. Mix DELTAGARD T&O 5SC Insecticide with the required amount of water according to the APPLICATION RATES FOR ORNAMENTALS table. Thoroughly apply the finished spray to upper and lower leaf surfaces to ensure adequate coverage, but prior to dripping. Be sure to penetrate dense foliage to wet leaves, trunk, and branches.

Plant safety testing has been conducted on many species of ornamental plants under a wide range of environmental and cultural conditions, and no injury has been observed. If local use information is not available, it is advisable to pre-spray a few plants.

APPLICATION RATES FOR ORNAMENTALS

Ornamentals	Pests	Rate	Remarks
Landscape ornamentals including trees, shrubs, evergreens, and foliage plants	Adeigids	4 to 8 fl.oz. per 100 gallons of water	Apply when pests become evident.
	Ants*		
	Aphids		Thorough coverage is required for best results.
	Azalea caterpillar		
	Azalea lace bugs		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Bagworms		
	Boxelder bugs		Apply when pests become evident.
	Cankerworms		
	California oakworms		Thorough coverage is required for best results.
	Cardamom thrips		
	Casebearers		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Cockroaches		
	Crickets*		Apply when pests become evident.
	Elm leaf beetles		
	Elm spanworms		Thorough coverage is required for best results.
	European pine sawflies		
	Fall webworms		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Firebrats		
	Flea beetles		Apply when pests become evident.
	Flies		
	Fungus gnats		Thorough coverage is required for best results.
	Glassy Winged Sharpshooter		
	Grasshoppers		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Greenstriped mapleworm		
	Gypsy moth (larvae)		Apply when pests become evident.
	Imported willow leaf beetles		
	Japanese beetles (adults)**		Thorough coverage is required for best results.
	June beetles (adults)		
	Lace bugs		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Leaf-feeding caterpillars		
	Leafhoppers		Apply when pests become evident.
	Leafminers		
	Leaf rollers		Thorough coverage is required for best results.
	Leaf skeletonizers		
	Mealybugs		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Midges*		
	Mimosa webworms		Apply when pests become evident.
	Mites***		
	Orangestriped oakworms		Thorough coverage is required for best results.
	Pillbugs		
	Pine shoot beetles		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Pine tip moths		
	Pinyon spindlegall midges		Apply when pests become evident.
	Psyllids		
	Plant bugs		Thorough coverage is required for best results.
	Redhumped caterpillar		
	Red imported fire ants		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Sawfly larvae		
	Silverfish		Apply when pests become evident.
	Sowbugs		
	Spiders*		Thorough coverage is required for best results.
	Springtails		
	Spanworms		Apply with sufficient water to ensure coverage of upper and lower leaf surfaces.
	Scale insects (crawlers)		
	Spittlebugs		Apply when pests become evident.
	Tent caterpillars		
	Ticks		Thorough coverage is required for best results.
	Webworms		
	Yellownecked caterpillar		

* The use of DeltaGard T&O 5SC Insecticide for the control of ants, crickets, midges and spiders is limited to ornamental areas and areas adjacent to buildings. Apply as a general spray, concentrating on damp areas beneath shrubbery, around foundations and in areas of tall weeds and grass.

** Will provide antifeedent properties on treated ornamentals against Japanese beetles.

*** Suppression only.

NOTES:

1. DO NOT apply DELTAGARD T&O 5SC through any type of irrigation system.
2. DO NOT apply this product to edible crops.
3. In New York State, product may not be applied to turf within 100 feet of a coastal marsh, or stream that drains directly into a coastal marsh. For control of turf insects in New York State, a second application may be made after two weeks if target insect activity persists.
4. Not for use in commercial greenhouses, nurseries, sod farms, or grass grown for seed. Not for use on golf course turf.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Storage: Avoid extremes in temperature. Mix as needed. Do not store diluted material. Store in original container in a secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. If the container is leaking or material is spilled on floor or paved surfaces, absorb with sawdust or other commercially available absorbing material, sweep up and remove to chemical waste area for disposal.

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). Then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or by incineration; or, if allowed by State and local authorities,

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aventis Environmental Science USA LP. All such risks shall be assumed by the user or buyer.

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Replaces: DG-T&O 5SC-SL-10M-(990630)-N.P. 5/00

Revisions include:

- Revised First Aid Statement

DISCARD PREVIOUS LABELS!

DG T&O 5SC-SL-2M-Rev. 1/01