



United States
Environmental Protection Agency
 Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-402	2. EPA Product Manager George LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) UltraTec 100 SC Insecticide	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way Libertyville, IL 60048 <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 type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION NOV 19 2004
<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.

NOTIFICATION OF REVISED FRONT PANET BULLET PER PR NOTICE 98-10 - Addition of bullet point from body of label text

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
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
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 Janice K. Sharp, Ph.D.		Title Regulatory Manager, ESD		Telephone No. (include Area Code) (847) 968-4844	
<p style="text-align: center;">Certification</p> 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 		3. Title Regulatory Manager, ESD			
4. Typed Name Janice K. Sharp, Ph.D.		5. Date October 28, 2004			

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UltraTec® 100 SC Insecticide

- For Outdoor Household & Domestic Use Only
- [Ready-To-Use
- Easy to Use Hose End Sprayer
- Water-Based
- Water-Dilutable
- Hose End Convenience
- Do-It-Yourself Home Pest Control
- Ornamental and Hedge Treatment
- Lawn Treatment
- Controls Numerous Pests of Lawns and Ornamental Plants
- Control of Ticks and Chiggers
- Outdoor Use Around the Home
- (8 oz, 1 Pint(s), 1 Quart) Treats up to (10,000, 7500, 5000, 2500, 1000) Square Feet
- Contains Deltamethrin
- Lawn Insect Control
- Kills Insects in Lawns
- For Grass & Dichondra Lawns

- Kills on Contact
- For Control of Ants
- For Control of Gypsy Moths
- Kills Fire Ants
- Kills Fleas & Ticks
- Ready to Spray
- Kills over 50 Insect Pests
- Kills more than 50 Insect Pests
- Kills Crawling & Flying Insects
- Bug Killer
- Kills Ticks that may cause Lyme Disease
- Controls Mosquitoes that may cause West Nile Virus
- Non-Staining
- No Oil Residue
- Also Kills: Box Elder Bugs, Carpenter Ants, Centipedes, Cockroaches, Scorpions, Spiders & More

NOTIFICATION
NOV 19 2004

ACTIVE INGREDIENT:

Deltamethrin 1.0%

OTHER INGREDIENTS: 99.0%
100.0%

EPA Reg. No. 73049-402

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Side/Back Panel for Additional Precautions and First Aid

FIRST AID	
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 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. In case of medical emergencies or health and safety inquiries, or in case of fire, leaking, or damaged containers, information may be obtained by calling 1-877-315-9819.	

NET CONTENTS:

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals
CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Contact with product may result in transient tingling and reddening of the skin which may persist for 24 hours. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Environmental Hazards

This product is extremely toxic to fresh water and estuarine fish and invertebrates. Do not apply directly to water. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Physical Hazards

Do not use water-based sprays of UltraTec 100 SC in conduits, motor housings, junction boxes, switch boxes or other electrical equipment because of possible shock hazard.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL PRIOR TO USING THIS PRODUCT.

Care should be taken at all times to avoid contact with undiluted product.

Wear long-sleeved shirt and long pants while applying this product through hose-end sprayer. Food utensils, such as spoons and measuring cups, must not be used for food purposes after use in measuring pesticides. Do not allow children or pets on treated areas until spray has dried.

Non-staining where water alone does not stain.

GENERAL INFORMATION:

This product is designed for use in typical spray equipment, such as a hand pump-up sprayer or spray bottle **[or hose-end sprayer]**.

HOSE-END SPRAYER USE DIRECTIONS:

Mixing Instructions: Fill sprayer bottle halfway with water, then add 8 tablespoons of UltraTec 100 SC to spray bottle. Add water to fill bottle. Shake well. **[OR - The sprayer attached to the container is ready-to-use.]** Attach to your garden hose and follow these simple instructions.

1. Make sure the hose-end sprayer is firmly connected to the hose.
2. Make sure the sprayer is in the OFF position. Turn water supply on at the faucet. For best results, turn hose faucet to maximum. Water pressure will build in the hose.
3. To apply product, turn the control valve to the ON position. Water and product are now being mixed at the proper rate.

LAWNS AND TURFGRASS (domestic lawns & recreational areas): To control **Ants, Armyworms, Centipedes, Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Mosquitoes, Sod Webworms, Sowbugs** and **Ticks**, spray when pests first appear. For **Sod Webworms**, delay watering or mowing the treated area for 12 to 24 hours after treatment.

Spray grass starting at the edge of the lawn furthest from the faucet. Walk backwards away from spray mist toward faucet. This avoids contact of shoes and hose with treated grass. Always point sprayer away from body. Use when wind is calm to avoid splash back. Do not spray on a windy day. Sweep sprayer left and right to ensure an even coverage. Apply entire contents evenly over 1000 square feet of lawn.

To stop spraying, turn the control valve to the OFF position. Turn off water at the faucet. To relieve water pressure in hose, turn control valve to the ON position before removing from the garden hose.

ALLOW SPRAY TO THOROUGHLY DRY ON LAWN BEFORE PERMITTING ANIMALS OR CHILDREN TO ENTER TREATED AREA.

WHEN/WHERE TO SPRAY: To avoid drift, spray on calm days. DO NOT spray near streams or rivers as this product is toxic to aquatic life. DO NOT spray food crops. DO NOT spray plants in the middle of the day in hot summer weather (i.e. above 85°F) as spray may burn the plants. For best results, spray when insects or damage are first observed.

ORNAMENTALS AND HEDGES: To control *Ants, Aphids, Bagworms, Eastern Tent Caterpillar, Fall Webworms, Grasshoppers, Mites, Mosquitoes, Orange Striped Oakworm, Spittle Bugs, Whiteflies, Yellownecked Caterpillar, Cutworms, Leafhoppers, Mealybugs, Mimosa Webworms, Redhumped Caterpillar* and *Thrips (Exposed)*: Apply spray thoroughly to all parts of hedges and bushes. Be sure to cover trunks, branches, inside and outside leaves. When spraying leaves, be sure to spray both upper and lower surfaces. Spray to penetrate dense foliage but avoid over spraying to the point of excessive runoff. To prevent being hit by spray, do not apply to overhead areas. Treat when pests appear and repeat at 7 to 10 day intervals, if needed.

SPRAY EQUIPMENT USE DIRECTIONS:

UltraTec 100 SC is intended to be mixed with water and applied outdoors with pressurized sprayers or a pump spray bottle. Use the dilution chart below, fill sprayer with 1/2 of required amount of water, add the appropriate amount of UltraTec 100 SC [liquid concentrate] then add remaining water. Close sprayer and thoroughly rinse outside of container and spray equipment with water. Shake well before application. Apply to areas such as:

- Decks
- Driveways
- Fences
- Foundations
- Garbage Cans
- Lawns
- Flowers
- Ornamental Plants
- Patios
- Shrubs
- Walkways
- Walls
- Sidewalks

DILUTION CHART

Pests	Amount of UltraTec per gallon of water	Amount of UltraTec per 1/2 gallon of water	Amount of UltraTec per Quart of Water
Plant Pests: armyworms, bagworms, cankerworms, cutworms, elmleaf beetles, flea beetles, grasshoppers, gypsymoth larvae, adult Japanese and June beetles, lacebugs, leafhoppers, leafrollers, leaf skeletonizers, loopers, oakworms, plantbugs, pine moths, sawfly larvae spanworms, stinkbugs, tent caterpillars, ticks, treehoppers, webworms	3 tbsp.	1 1/2 tbsp.	3/4 tbsp.
Lawn Pests: ants, armyworms (including fall, yellow-striped, etc.), bear tick, billbugs (adult), black legged tick, boxelder bugs, brown dog ticks, centipedes, chiggers, chinch bugs, clover mites, cockroaches, crickets, cutworms, darkling ground beetles, deer ticks, digger wasps, essex skipper, field crickets, fiery skipper, flea beetles, fleas, grasshoppers, turfgrass weevils, Japanese beetles (adults), lawn moths, leafhoppers, lone	5 tbsp.	2 1/2 tbsp.	1 1/4 tbsp.

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star tick, scorpions, silverfish, firebrats, sod webworms, sowbugs, spiders, spittle bugs, springtails, ticks, vegetable weevils, western black legged tick.			
Perimeter Pests: ants, bear ticks, black legged ticks, carpenter ants, centipedes, chiggers, crickets, deer ticks, field crickets, grasshoppers, pillbugs, scorpions, sowbugs, spiders, springtails	8 tbsp. or 4 fl. oz.	4 tbsp. or 2 fl. oz.	2 tbsp. or 1.0 fl. oz.

Plants Pests: Use UltraTec 100 SC to treat flowers, shrubs, vines, shade, flowering and non-flowering trees, evergreens and other ornamental plants. Mix UltraTec 100 SC with water in accordance with the Dilution Rate table above. Apply spray to upper and lower leaf surfaces thoroughly but do not allow run-off or dripping to occur. Be sure to penetrate dense foliage to wet leaves, trunk and branches. Treat when pests appear.

Lawn Pests: Mow lawn and water thoroughly 1 to 2 days before treatment. Heavy watering should then be withheld for 2 to 3 days after treatment. Treat when insects first appear. Mix UltraTec 100 SC with water in accordance with the Dilution Rate table above. Spray lawn using a slow, even sweeping motion ensuring coverage of entire lawn surface. Spray under ornamental plants, shrubs and trees where pets frequent. Do not attempt to control these pests in lawns by spot treating.

Perimeter Pests: To help prevent infestation of buildings, mix UltraTec 100 SC with water in accordance with the Dilution Rate table and apply where pests are active and may find entrance. For example, treat a band of soil or lawn up to 6 – 10 feet wide around and next to buildings and treat the foundation to a height of 2 to 3 feet. Apply 1.0 gallon of diluted spray per 1000 sq. ft. of surface area. Thoroughly and uniformly wet the barrier area, but do not allow runoff to occur.

Fire Ants: Mix 6.0 fl. ounces (¾ cup) of UltraTec 100 SC with one gallon of water in a watering can. Apply 1 gallon of diluted product per mound to thoroughly wet the area. Direct application at the mound and 12 inches around to allow solution to flow into ant tunnels. More or less than 1 gallon of dilution may be used depending on the size of the mound. Wait 7 – 10 days, then treat the mound again if necessary. Do not disturb mounds before treatment. Do not use pressurized sprays. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours. Treat new mounds as they appear.

Fleas & Ticks: Mix 4.0 fl.ounces (8 tablespoons) of UltraTec 100 SC in one gallon of water. Apply as a coarse, wet spray to areas where fleas and ticks are most likely to be found, such as dog houses, kennels, runways, cracks and crevices in sidewalks, paths or patios, under plants, shrubs, bushes, trees or other shaded, moist areas where pests may rest. Do not treat pets with this product.

Residual Spray: For long-lasting control of **Ants, Cockroaches, Fleas, Flies** and **Mosquitoes**, mix 4.0 fl. ounces (8 tablespoons) of UltraTec 100 SC with one gallon of water. Apply spray mixture to areas such as porches, patios, garbage dumps, garages and cracks and crevices along walkways or other areas where insects may congregate or can gain entrance to the structure.

STORAGE & DISPOSAL

Storage: Store in a cool, dry area away from children.

Container Disposal: *If empty:* Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, 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, because of extreme weather conditions and soil conditions, manner of use and other factors beyond

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Valent BioSciences Corporation's control, it is impossible for Valent BioSciences Corporation to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

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Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048

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