



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAR 21 2005

Janice K. Sharp, Ph.D.
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

Subject: Amendment - Revised Basic & Alternate Formulations, Change Primary
Brand Name and labeling changes
UltraTec DS 215 Insecticide
EPA Reg. No. 73049-178
Your Submission Dated August 23, 2004

Dear Dr Sharp:

We have no objection to the use of the revised basic formulation and alternate CSF (dated 08/23/04) requested in your letter of the above date. The basic confidential statement of formula (dated 8/23/04) is acceptable and will supercede the previously accepted basic formulation (dated 05/18/98) and has been inserted in the file for the subject product.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Revise *Precautionary Statements* to read as follows:

"Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco."


2. Replace "This product is toxic to fish" with "This product is toxic to fish and other aquatic organisms" in *Environmental Hazards* statement.

3. Under the **Directions fo Use**, *Fire Ants* no directions are given to treat the mound. Either give complete directions for treating the mound or delete control of fire ants form the label.
4. On front panel add "only" to the statement "For Household and Domestic Use Only".
5. Add the following precaution to the paragraph under Outdoors "Remove all exposed food and cooking utensils. Cover all food handling surface or wash thoroughly after treatment and before use. Do not use on edible crops."
6. Revise the first sentence under Crawling Insects to read "Hold can two (2) to three (3) feet from surface to be treated and spray in infested surface of patio or picnic area, hitting as many insects as possible. Spray to slightly moisten the surface."
7. On front panel, top of first page and Direction for Use: Based on the cited efficacy data, the residual claims ("Protects for up to 12 weeks" and "Keeps on killing for up to 12 weeks") do not apply to all pests listed on the label. Either delete these claims or clarify which of the pests are controlled.
 - The cited data (MRIDs 44858203, 44874701 and 45069302) support a residual claim of up to 12 weeks for German Cockroaches.
 - MRID 44874703 supports a residual claim of one week (7 days) for Fire Ants.
 - Residual claim of up to 12 weeks is acceptable for House Flies.
 - Provide data to support the residual claims for the following "public health pests", listed on the label: centipedes, fleas, ticks, spiders, scorpions and mosquitoes.

We note the change in primary brand name from "DS 215 Insecticide" to "Ultra Tec DS 215 Insecticide".

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,



George T. LaRocca

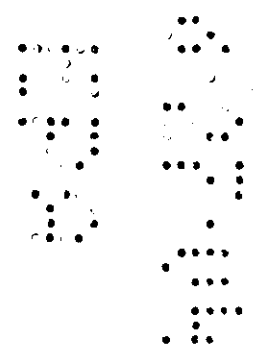
Product Manager (13)

Insecticide Branch

Registration Division (7505C)

UltraTec® DS 215 INSECTICIDE

- *For Household and Domestic Use*
- *[Water-Based]*
- *Powerful Killing Action Plus Residual Control*
- *Quick Knockdown Formula*
- *Long-Lasting Control*
- *For Indoor/Outdoor Use*
- *Kills Fleas-Roaches-Ants-Spiders*
- *Kills On Contact*
- *Broad Spectrum Insect Control*
- *No Unpleasant Odor*
- *Won't Stain Carpets and Floors*
- *Protects For up To 12 Weeks [3 months]*
- *Keeps on Killing for up to 12 Weeks [3 months]*
- *Keeps on Killing*



ACTIVE INGREDIENTS:

S-Bioallethrin	0.15 %
Deltamethrin	0.02 %
OTHER INGREDIENTS*:	99.83 %
	100.00 %

*Contains petroleum distillate

PRECAUCION AL CONSUMIDOR: 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.)

EPA REG. NO. 73049-178

EPA EST NO.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautions

NET CONTENTS:

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 21 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
73049-178

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FIRST AID	
If swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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 <i>Medical</i> 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.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if swallowed. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This product is toxic to fish. 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 or Chemical Hazards

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

UltraTee DS 215 works in two ways: 1) it kills bugs fast on contact; and 2) its residual action keeps on killing for up to 4 weeks after you spray. Contact kill gives you immediate results when spraying insects directly, while residual activity kills insects when they return to treated areas.

Remove pets, birds and cover fish aquariums before spraying. Prevent re-entry of dogs and cats into treated area until spray deposits are dry.

Test product on an inconspicuous area before applying. Spray until surface is slightly wet, but not to the point of run-off. Over application may cause damage. Will not stain surfaces or fabrics where water alone causes no damage.

SHAKE WELL BEFORE EACH USE. Hold container upright. Do not spray up into air. Apply to surfaces only. Remove protective cap and direct spray away from face. Hold can 12-15 inches from surface being sprayed. Press button down and spray as directed. Spray surface until slightly wet.

UltraTee DS 215 insecticide is intended for use in and around residential structures and their immediate surroundings. Permitted areas of use include: *apartments, atriiums, attics, automobiles, basements, bathrooms, boats, cabins, campers, carports, cat sleeping quarters, clothes storage, condominiums, decks, dens, driveways, garages, gazebos, homes, kitchens, lanais, living rooms, parlors, patios, pet sleeping areas, play rooms, porches, recreational vehicles, rooms, solariums, storage areas, sun rooms, utility rooms and verandahs.*

INDOORS:

Cockroaches (including adult and immature stages of both non-resistant and organophosphate and carbamate resistant strains), Ants, Boxelder Bugs, Centipedes, Crickets, Dermestids, Firebrats, Fleas, Palmetto Bugs, Silverfish, Sowbugs, Ticks and Waterbugs: Apply as a spot and crack and crevice treatment too areas where these pests crawl and hide, especially in hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and

stoves, the underside of shelves, drawers, bookcases, and similar areas. When pests are driven out, spray directly. Cover all food handling surfaces and cover or remove all food and cooking utensils or wash thoroughly after treatment. Exposed food should be covered or removed. Repeat as necessary but not more than once per week.

[**Roaches**: Spray in cracks and crevices, around baseboards and other hiding places until wet. When driven out, spray bugs directly.]

Ants: Spray ant trails and around doors and windows and other places where ants enter the house. Repeat as necessary but not more than once per week.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Ticks and Fleas ON SURFACES: Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate flea and/or tick control product registered for use on pets before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Delicate fabrics should be tested for staining in an inconspicuous area prior to use.

Spiders: Apply along and behind baseboards, to window and doorframes, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

Centipedes, Ground Beetles, Pillbugs, Sowbugs, Scorpions and Ticks: Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

[**Silverfish, Crickets, Spiders, Earwigs**: Apply around doors and windows, baseboards, storage areas, pipes and other areas infested by these pests or spray pests directly. Spray surfaces until wet.]

PANTRY PESTS - Grain Beetles (Rusty, Merchant and Saw-Toothed), Flour Beetles (Red and Confused), Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths: Treat exposed stages. Remove all food-stuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils. Wash any exposed food handling surfaces and utensils before use.

Carpet Beetles (Black, Furniture and Varied): Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insect are found.

Webbing Clothes Moths: Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

OUTDOORS:

Point nozzle away from face. Hold can on a slight downward angle, approximately 12 - 15 inches from surface to be sprayed. For best results, spray when air is calm. Spray with wind if breeze is blowing. Do not contaminate fish ponds or apply directly to water.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: For control of building infestation to **Ants, Clover Mites, Crickets and Sowbugs (Pillbugs)**. Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Repeat treatment as necessary but not more than once per week.

CRAWLING Insects: Ants, Cockroaches (Including Asian Cockroaches), Centipedes, Crickets, Mole Crickets, Water Bugs and Silverfish. Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

Ants: Spray around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris until surface is slightly wet. Repeat as necessary but not more than once per week.

[**Ants**: Spray ant trails and hills. If nest can be located, spray surface of nest until wet.]

Fire Ants: To quiet active ants on the surface, sweep surface with spray from a distance of 18 inches. For best results, apply in cool weather or in early morning or late evening hours. Treat new mounds as they appear.

Lone Star Ticks, Dog Ticks, Crickets, Fleas and Earwigs: Apply thoroughly to infestation in bushes, grass or weeds.

Wasps, Hornets and Bees: Spray nests and bees directly. Aim spray at nest openings. Applications should be made late in the evening when insects are at rest.

FLYING INSECTS: Houseflies, Gnats, Mosquitoes and Small Flying Moths: Use only on outdoor surfaces. Spray outside surfaces of window and doorframes and other areas where these pests may enter the home. Also spray localized resting areas, such as under

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eaves, porches, surfaces around light fixtures and cords, railings, etc. where these insects may rest. Insects coming to rest on treated surfaces will be killed.

FOR THE CONTROL OF ORNAMENTAL GARDEN INSECTS: For use on roses, dahlias, asters and other ornamentals to kill Japanese beetles hit by spray, as well as *Whiteflies, Aphids, Armyworms, Lace Bugs, Mealy Bugs, Exposed Thrips, Pavement Ants, Spiders, Spider* and *Red Mites, Clover Mites* and *Leafminers*.

Not for use on plants grown for sale or other commercial use.

May be used on plants, as well as a multi-purpose spray in small ornamental gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Over application may cause damage. Contact insects directly whenever possible. Repeat treatment as necessary but not more than once per week.

STORAGE AND DISPOSAL

Storage: Store in a cool, dry area away from [inaccessible to] children and pets and away from heat, sparks and open flame.] [Protect from freezing.] [Do not freeze.] [Do not transport or store below 32°F.]

Disposal: Do Not Puncture or Incinerate! *If empty:* Place in trash or offer for recycling if available. [This container may be recycled in aerosol recycling centers. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label.] *If partly filled:* Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

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 Valent BioSciences Corporation. 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

List No. 73049178

02-0111/R1

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Additional Alternate Front Panel Bullets:

- *[Contains Ultratec® Insecticide and Esbiol® Insecticide*
- *Contains Deltamethrin and S-bioallethrin*
- *Kills Hidden Bugs*
- *Kills Bugs You See and Even the Ones You Don't See*
- *Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Flour Beetles, Grain Beetles, Ground Beetles, Mole Crickets, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks and Many Other Crawling Insects In and Around Homes, Recreational Vehicles, Cabins, Tents and other Recreational Structures*
- *Contains No CFC's or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.*
- *Guard your home with Ultratec®]*

[] Indicate alternate text in addition to any subset of the directions for use.