

73049-366

04-15-2011

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

OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Valent Biosciences Corporation  
c/o Dr. Nasser Assaf  
870 Technology Way  
Libertyville, IL 60048

APR 15 2011

Subject: Application for Pesticide Amendment, Requiring Data Review  
UltraTec DP 205 Insecticide  
EPA Reg. No. 73049-366  
Your Submission Dated November 23, 2010  
Decision No: 442480

Dear Dr. Assaf:

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 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. The addition of use on bedbugs are conditionally acceptable, contingent on the submission of acceptable surface contact kill (resulting from dry residues) efficacy data within nine (9) months the date of this letter. Refer to the Agency's Product Performance Data Evaluation Record, dated April 13, 2011.
2. Throughout the label, all repeat treatment instructions must be accompanied by an interval, to read as follows:  
  
"Repeat treatment if re-infestation occurs, but do not apply more than once per week."
3. On page 1 under the bulleted claims, delete "Flush and kill with residual action", "Killing Action and Residual Control" because residual claims are not supported for all pests listed on the label.
4. On pages 1 and 3, delete references for killing Argentine Ants for up to six months because no data were submitted to support this efficacy duration.
5. On page 1 under Net Contents, include the units to be expressed in "fluid ounces."

6. On page 2 under Environmental Hazards, update the statement to read as follows:

"This product is toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or runoff into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

This product is highly toxic to bees..."

7. On page 3 under the Directions for Use, include the size in units of area that one container of product can treat.
8. On page 4 under Ants for Indoor applications, delete the retreatment interval of 4 weeks for all ants except for carpenter ants.
9. Per the Product Performance review, delete the following statement from page 4 under Bedbugs, because the submitted data do not support this use:
- "Lightly spray mattresses, especially tufts, folds, and edges."
10. On pages 3 and 5 in the list of sites, delete "(but not limited to)."

If you have any questions regarding this action, please contact Rosanna Louie-Juzwiak at (703) 308-0037.

Sincerely,



Mark Suarez  
Product Manager 13, Insecticide Branch  
Registration Division (7504P)

**UltraTec® DP 205 INSECTICIDE**

- *[For Household & Domestic Use*
- *For Industrial/Institutional Use*
- *For Indoor/Outdoor Use*
- ~~*Flush and Kill with residual activity*~~
- ~~*Contains Deltamethrin and Pyrethrins*~~
- *Contains Pyrethrins, a Botanical Insecticide*
- *Contains Pyrethrins combined with Deltamethrin to give rapid [flush-out and] knockdown with extended killing power*
- *Pyrethrins rapidly [expels] [flushes out] and knocks down bugs [roaches] [insects] from cracks and crevices [their hiding places]*
- *Pyrethrins insecticide is made from [chrysanthemum] flowers*
- *Water-Based Formula*
- *Water-Based – Shake Before Use*
- ~~*Killing Action and Residual Control*~~
- *Fast Knockdown Formula*
- *Kills Carbamate And Organophosphate Resistant Cockroaches*
- *Kills Fleas – Roaches – Ants – Spiders*
- *Kills Ticks (including Lone Star Tick, Deer Ticks, Black Legged Ticks)*
- *Kills Ticks (including ticks which may carry Lyme disease)*
- *Kills On Contact*
- *Kills Fast*
- *Kills Hidden Bugs*
- *Kills Bugs You See and Even the Ones You Don't See*
- *Broad Spectrum Insect Control*
- *Kills Ants, Beetles, Cockroaches, Fleas, Flies, Mosquitoes, Scorpions, Spiders & Ticks*
- *Highly effective against labeled pests in and around homes, recreational vehicles, cabins, tents and other recreational structures*
- *Non-Staining*
- *No Greasy Residue*
- *No Oily Residue - No Unpleasant Odor*
- *Won't Stain Carpets And Floors*
- *Protects Against [Controls] German Cockroaches And Houseflies For Up To 12 Weeks [3 Months]*
- *Keeps On Killing German Cockroaches And Houseflies For Up To 12 Weeks [3 Months]*
- *Kills Spiders [Black Widow, Hobo and Brown Recluse Spiders]*
- *Keeps On Killing [Controls] Carpenter Ants for Up to 4 Weeks [1 month]*
- *Kills Ants [Red Imported Fire Ants, Harvester Ants, Pharaoh Ants and Carpenter Ants]*
- *Kills Cat Fleas*
- *Kills [Asian Lady [bird] Beetles*
- *Kills Asian Lady bugs by contact]*
- *Kills by Contact]*
- ~~*[Keeps killing] [Kills] [Controls] Argentine Ants for up to 6 months*~~
- *Kills Bedbugs]*

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:**

**APR 15 2011**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
73049-366**

**ACTIVE INGREDIENTS:**

Pyrethrins.....	0.05 %
Deltamethrin .....	0.02 %
<b>OTHER INGREDIENTS*:</b> .....	<u>99.93 %</u>
	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. 73049-366**

**EPA EST NO.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Side/Back Panel for Additional Precautions

**NET CONTENTS:**

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FIRST AID	
<b>If swallowed:</b>	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• <del>Do not give any liquid to the person.</del></li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
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 skin or clothing. 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. Remove and wash contaminated clothing before reuse.

{ Alternate text for professional use products only }

#### [Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeve shirt,
- Long pants, and
- Shoes and socks

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

#### Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwater or rinsate. See Directions for Use for additional precautions and requirements.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively 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.

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8**DIRECTIONS FOR USE**

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

**Use Restrictions**{Consumer use products only}

- Do not allow adults, children, or pets to enter the treated area until sprays have dried.
- Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.

{Professional use products only}

- Do not enter or allow others to enter until sprays have dried.
- 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.
- Do not use in aircraft cabins except in compliance with PR Notice 96-3.
- Do not apply to classrooms when in use.
- Do not apply in hospital patient rooms while occupied or in any rooms occupied by the elderly or infirm.
- Do not apply to institutions (including libraries or sport facilities) in the immediate area when occupants are present.
- Do not apply in the food/feed handling areas of food/feed processing establishments while the facility is in operation or food/feed is exposed. Do not apply directly to food/feed products. Cover or remove all food/feed processing and/or handling equipment prior to application.

{All products}

- Remove pets, birds and cover fish aquariums before spraying.
- Do not apply as a space spray. Apply to surfaces only.
- Do not make outdoor applications at residential sites during rain.
- Remove or cover exposed food and drinking water before application.
- Remove or cover dishes, utensils, food processing equipment and food preparation surfaces or wash them before use.
- Do not apply directly into sewers or drains or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- All outdoor applications must be limited to spot or crack-and-crevice treatment only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf and other vegetation; (3) Applications to building foundations up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications, only.
- Do not use on edible crops.

UltraTec DP 205 works in two ways:

1) it kills bugs [pests, insects] fast on contact;

and

2) its residual action keeps on killing **German Cockroaches** and **Houseflies** for up to 12 weeks [3 months] and **Argentine ants** for up to 6 months after you spray.

SHAKE WELL BEFORE EACH USE. Hold container upright. Remove protective cap and direct spray away from face. Hold can 12-18 inches from surface being sprayed. Press button down and spray as directed. Test product in 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.

{For Consumer use products}

UltraTec DP 205 insecticide is intended for use in and around residential structures and their immediate surroundings. Permitted areas of use include ~~(but are not limited to)~~: apartments, atriiums, attics, automobiles, basements, bathrooms, boats, cabins, campers, carports, cat sleeping quarters, clothes storage, condominiums, decks, dens, driveways, garages, gazebos, homes, kitchens, dog houses, lanais, living rooms, parlors, patios, pet sleeping areas, play rooms, porches, recreational vehicles, rooms, solariums, storage areas, sun rooms, utility rooms and verandas.

{For Professional use products}

UltraTec DP 205 insecticide is intended for use in and around structures and their immediate surroundings. Permitted areas of use include ~~(but are not limited to)~~: apartment buildings, campsites, cafeterias, crematoriums, day care centers, drive-ins, drug stores, dumpsters, factories, food/feed areas of food processing plants, food service establishments, food manufacturing and warehousing establishments, garages, homes, hotels, hospitals, indoor and outdoor eating establishments, industrial plants, jails, kennels, motels, mausoleums, mess halls, morgues, nursing homes, office buildings, other public buildings, pet grooming parlors, pet stores, prisons, railroad cars, recreational areas, residences, restaurants, schools, ships, solariums, sports stadiums, supermarkets, taverns, theaters, trailers, trains, transportation vehicles, trucks, truck trailers, utility rooms, warehouses, washrooms and zoos.

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8**Food/Feed Handling Establishments:**

For control of all labeled pests, applications are permitted in the food/feed areas of food/feed handling and processing establishments as a general surface, spot or crack and crevice treatment.

Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food/feed. Serving areas where food/feed is exposed and the facility is in operation are also considered food/feed areas.

Non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling). All areas that insects inhabit or through which insects may enter should be treated.

**INDOORS:**

*Cockroaches [American and German Cockroaches] (Including Adult and Immature Stages of Both Non-Resistant and Organophosphate and Carbamate Resistant Strains), Ants [Carpenter, Fire, Harvester, Argentine, and Pharaoh Ants], Asian lady bird beetle (Lady bugs), Spiders [Black Widow, Brown Recluse and Hobo Spiders], Boxelder Bugs, Centipedes, Crickets, Beetles, Firebrats, Fleas, Palmetto Bugs (Waterbugs), Silverfish, Sowbugs and Ticks:* Apply as a general surface, spot or crack & crevice treatment to all areas where these pests crawl and hide, especially in cracks and crevices, 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.

[*Roaches:* Spray in cracks and crevices, around baseboards and other hiding places until wet. When driven out, spray bugs directly. Repeat treatment if re-infestation occurs.]

~~*Ants (including carpenter, fire, Argentine, harvester and pharaoh ants):*~~ Spray around ant trails and around doors and windows and other places where ants enter the house. Repeat [treatment] after 4 weeks or if re-infestation occurs.

*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. Repeat [treatment] after 4 weeks or if re-infestation occurs.

*Ticks (Including Ticks Which May Carry Lyme Disease) and Fleas ON SURFACES:* Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. *Adult Fleas* 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 treated area. Spray rugs and carpets where infestations are bad. Delicate fabrics should be tested for staining in an inconspicuous area prior to use. Repeat [treatment] after 2-4 weeks or if re-infestation occurs.

*Spiders [Black Widow, Brown Recluse, Hobo Spiders]:* Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas where these pests are found. Spray spiders directly for best results.

*Bedbugs:* Remove and wash linens. ~~Lightly spray mattresses, especially tufts, folds and edges.~~ Take bed apart and spray into all joints. Treat baseboards, moldings and floors. Apply to the interior of the frame. Allow all articles to dry before remaking bed.

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

*Asian Lady Bird Beetles (Lady bugs):* Spray areas where bugs crawl or are rest, around doors, windows and areas where insects can enter the home.

[*Silverfish, Crickets, Spiders, Earwigs:* Apply to areas where these pests are found.]

**PANTRY PESTS:** *Beetles, Moths, Weevils, [Flour Beetles (Red and Confused), Grain Beetles (Rusty, Merchant and Saw-Toothed), Chocolate Moths, Indian Meal Moths, Angoumois Grain Moths, Mediterranean Flour Moths, Cigarette Beetles, Drugstore Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles, Grain Mites 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.

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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. Repeat [treatment] if re-infestation occurs.

**Carpet Beetles [(Black, Furniture and Varied)] and Dermestid Beetles [(Hide, Larder, Leather)]:** Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found. Fabrics should be tested for staining in an inconspicuous area prior to use. Repeat [treatment] if re-infestation occurs.

**[Webbing] Clothes Moths:** Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This will not control moth larvae already on clothes. Do not apply to clothing. Repeat [treatment] if re-infestation occurs.

## OUTDOORS:

Point nozzle away from face. Hold can on a slight downward angle, approximately 12 - 18 inches from surface to be sprayed. For best results, spray when air is calm. Spray with wind if breeze is blowing.

**PESTS ON OUTSIDE SURFACES:** To control infestations of outdoor pests such as *Ants, Cockroaches, Ticks* and *Spiders*, spray foundation of building where these insects [pests, bugs] 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, picnic areas, garages and refuse dumps. Repeat treatment weekly if necessary.

**CRAWLING INSECTS:** *Ants [(Including Fire, Pharaoh, Carpenter, Argentine, Harvester Ants)], [American and German] Cockroaches, Centipedes, Scorpions, Crickets, Palmetto/Waterbugs, Spiders [(including Black Widow, Brown recluse and Hobo Spiders)], Asian Lady Bird beetle (Lady Bugs)s, Sowbugs, Earwigs, Boxelder Bugs and Beetles.* Spray insects [bugs, pests] directly.

**Ticks (Including Lone Star Ticks, Deer Ticks (which may carry Lyme disease), Black Legged Ticks):** Spray areas where these pests are found.

**Ants [(including Carpenter, Harvester, Pharaoh, Argentine and Fire ants)]:** Spray around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris. *Spray ants directly whenever possible.* Repeat if ants return. This product should not be used to treat fire ant mounds.

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

**Asian Lady Bird Beetles (lady bugs):** Spray areas where pests are found. If spraying outside walls of homes, especially vinyl or aluminum siding, test a small area first for possible staining.

**Wasps, Hornets and Bees:** Spray individuals directly and vacate area. Do not treat whole nests with this product.

**FLYING INSECTS: Houseflies, Gnats, Mosquitoes and Moths:** Use only on outdoor surfaces. Spray outside surfaces of windows, window and door frames, screens and other areas where these pests may enter the home. Also spray localized resting areas, such as under 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. Retreat weekly or when insects return.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by 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. *If partly filled:* Call your local solid waste agency for disposal instructions. [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.]

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**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 must 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.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Valent BioSciences Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Valent BioSciences Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.]

[Or alternate text

Notice: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.]

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**Valent BioSciences Corporation**  
**Environmental Science Division**  
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Libertyville, IL 60048  
02-0730/R2

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