



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

November 22, 2011

Mr. Nasser Assaf, Ph.D.,
Regulatory Manager, ESD
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048-5350

Subject: Acceptance of Amended Reregistration Label
Product Name: CYPERMETHRIN/ESBIOTHRIN®/PIPERONYL BUTOXIDE 0.05%/0.1%/0.4%
INSECTICIDE PRESSURIZED SPRAY
EPA Registration Number: 73049-157
EPA Decision Number(s): D397786, D410262 & D424951
Your Resubmission Dated November 18, 2011

Dear Mr. Assaf:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **REDs for Allethrins, Cypermethrin, and Piperonyl Butoxide**, and has concluded that your submission is acceptable. In addition, please note that the record for this product currently contains the CSFs listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated November 5, 2010
- Alternate CSF #1, dated November 5, 2010
- Alternate CSF #2, dated November 5, 2010
- Alternate CSF #3, dated November 5, 2010

PLEASE NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA.

If you have any questions about this letter, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov during the hours of 9:00 A.M. to 5:30 P.M. EST.

Sincerely Yours,

Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosure: Label stamped "Accepted"
073049-00157 D397786, D410262 & D424951

**CYPERMETHRIN/ESBIOTHRIN[®]/PIPERONYL
BUTOXIDE 0.05%/0.1%/0.4%
INSECTICIDE PRESSURIZED SPRAY**

- [A Combination Of Insecticides Offering Quick Knockdown And Kill Of Flying And Crawling Insect Pests
- Controls Crawling Insects On Contact
- Indoor And Outdoor Uses
- Controls Fleas
- Kills On Contact]

ACTIVE INGREDIENTS:

Cypermethrin*	0.05%
d/l-allethrolone d-trans chrysanthemate†	0.10%
Piperonyl Butoxide**	0.40%
OTHER INGREDIENTS:	<u>99.45%</u>
	100.00%

*Cis/trans ratio: 45/55 +/- 10.

† Min. 72% d-trans-Chrysanthemum monocarboxylic ester of d-2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one. Max 28% other isomers.

** (butyl carbityl)(6-propylpiperonyl) ether and related compounds.

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. 73049-157****EPA EST. NO.**

**KEEP OUT OF REACH OF CHILDREN
WARNING**

See Side/Back Panel For Additional Precautionary Statements

FIRST AID	
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 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.
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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819, twenty-four (24) hours per day, seven (7) days per week.	

NET CONTENTS:

ACCEPTED
November 22, 2011
Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA. Reg. No: 73049-157

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

WARNING

Causes skin irritation. Do not get on skin or clothing. Harmful if inhaled or absorbed through skin. Avoid contact with eyes. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove and wash contaminated clothing before reuse.

[Alternate text required for professional use products]

[PERSONAL PROTECTIVE EQUIPMENT (PPE)]

Some materials that are chemical-resistant to this product are Barrier laminate, Nitrile or Neoprene Rubber, or Viton. If you want more options follow the instructions for category E on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers, must wear the following:

- Wear coveralls worn over short-sleeved shirt and short pants
- Socks and chemical-resistant footwear
- Chemical-resistant gloves (Barrier laminate, Nitrile or Neoprene Rubber, or Viton, Selection Category E).

User Safety Restrictions:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove clothing/PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.]

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Environmental Hazards

This pesticide is extremely toxic to aquatic organisms, including fish, aquatic invertebrates, oysters, and shrimp. Drift and run-off from treated areas may be hazardous to fish in water adjacent to treated areas. This product may contaminate water through run-off. This product has the potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this product. Do not apply directly to or near water, to areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. See Direction for Use for additional precautions and use restrictions.

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 while bees are actively visiting the treatment area.

Physical And Chemical Hazards

Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F (54.5°C) may cause bursting. Do not use water-based sprays 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.

Use Restrictions:

- After space spraying, wait two (2) hours after application, then open windows, vents and doors for two hours. If an odor is still detected additional ventilation is required.
- Do not apply this product in a way that will contact workers or other ~~any~~ persons, ~~pet~~ either directly or through drift.
- Do not enter or allow unprotected persons or pets to enter the treated area or to contact treated surfaces until sprays have dried.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and mists have dispersed and the treated area has been thoroughly ventilated.
- In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food and drinking water should be covered or removed.

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- Do not use in greenhouses where crops for food or feed are grown.
- Do not wet articles to the point of run-off or drip. Do not use treated article until spray has dried. During any application to ceilings of a structure, cover surface below with plastic shielding or similar material.
- Do not apply this product in any room being used as a living, eating or recovery area by patients, the elderly or the infirm while they are in the room.
- Do not use as a space spray. Use only in well-ventilated areas.
- Do not apply this product directly to pets. Remove pets, birds and cover fish aquariums prior to treatment. Do not allow pets to enter treated areas or to contact treated surfaces until sprays have dried. Cover any water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment and turn aquarium systems off prior to treatment with this product.
- Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers, storm drains, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Do not apply this product when windy (sustained wind speeds or gusts above 10 mph). After application, do not over-water the treated area to the point of run-off or drip. Do not apply this product when raining, or when rain is expected within 8 hours of application.
- Do not apply directly into floor drains or to any area where drainage to storm sewers, water bodies or other aquatic habitats can occur. When making an application around or near a floor drain, limit the application to a spot treatment and do not allow the product to enter the drain during or after application.
- Do not apply directly to swimming pools or swimming pool systems. This product may be applied as a spot treatment or crack and crevice treatment to impermeable surfaces (such as tiled walkways) around pools.
- Outdoor uses are limited to spot treatments only. Broadcast applications are prohibited. For outdoor applications, do not apply within 10 feet of storm drains, Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans, Do not apply application of this product to contact water inhabited by fish, such as aquariums and ornamental fish ponds that are located in/near structures being treated.

[Additional alternate text for –Professional Use Labeling:]

- Do not apply to classrooms when in use.
- Only protected handlers may be in the area during application.
- Do not apply to areas of institutions (including libraries, sport facilities, etc.) when occupants are present in the immediate treatment area.
- Do not use in aircraft cabins.
- Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where food may be prepared or held. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces or wash then before use.
- Can be used in non-food/non-feed areas of food handling establishments such as garbage rooms, lavatories, entries, vestibules and hallways, offices, locker rooms, machine rooms, basements, boiler rooms, garages, utility rooms, mop closets and storage rooms (after canning or bottling).
- Do not use in warehouses while raw agricultural commodities for food or feed and/or raw or cured tobacco are being stored.

Agricultural Use Requirements

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 soil or water, is coveralls, shoes plus socks, and chemical-resistant gloves made of any waterproof material.

Shake well before use. Point valve away from face. Remove protective cap. Aim spray opening away from person. Push button firmly to spray.

For use in non-food/non-feed areas indoors and outside premises of hotels, motels, homes, preschools, nurseries, day camps, greenhouses (non-commercial), lathhouses, seed houses, food handling establishments, packaging and processing plants, commercial, industrial, office, institutional and storage buildings, dairies, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, and hospitals. IN HOSPITALS, remove patients prior to treatment. Also for use in dog kennels and horse stables. IN HORSE STABLES, not for application as a space spray. Also for use in campers, mobile homes, buses, automobiles, trucks, and boxcars.

INDOOR USE

Wasps, Hornets, Yellow Jackets, Bees: Make applications in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible.

Ants: To kill ants, spray directly on these pests for fast action. Spray trails, nests and points of entry such as cracks and crevices where ants may hide.

TO KILL CRAWLING INSECTS: Cockroaches, Waterbugs, Palmetto Bugs, Crickets, Silverfish, Earwigs, Sowbugs, Centipedes, Millipedes, Pillbugs and Firebrats: Spray thoroughly in areas where insects are found, such as cracks, crevices, moist areas, openings around pipes and sinks, baseboards, corners, behind and under refrigerators, cabinets, sinks, furnaces, stoves, underside of shelves, drawers and similar areas. Spray directly on insects when possible.

Fleas: Thoroughly spray the animals' bedding and other resting areas until the surface is slightly moist contacting as many insects as possible. Do not allow pets to use these areas until spray has dried. Treat floor areas, cracks and crevices in the floor and along baseboards at the rate of 2 seconds per linear foot (30 cm) at a distance of 12 to 18 inches (30-45 cm). Also spray the entire inside surface of dog houses.

TO KILL FLYING INSECTS: Flies, Mosquitoes, Gnats, Fruit Flies, Small Flying Moths: Directly contact as many insects as possible. Direct spray mist to all parts of the room, especially around windows. Do not remain in treated area. Ventilate the room after treatment is complete.

Carpenter Ants: Apply spray to the point of runoff around doors, doorframes, windows, and other areas where these ants enter the premises or hide.

OUTDOOR USE

Do not apply this product to edible crops. For use around residential, commercial and institutional buildings, patios, mobile homes, campers, boats, and swimming pools for controlling household and other pests.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product to control *Cockroaches, Crickets, Ants, Millipedes, Earwigs, Spiders* and *Sowbugs* on the outside surface of buildings. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also apply as a spot treatment to outside surfaces of building, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate. Apply spray just to the point of runoff.

APPLICATIONS IN AND ON BOATS: Use this product to control *cockroaches, crickets, ants, millipedes, earwigs, spiders* and *sowbugs* in and on boats. Spray thoroughly in areas where insects are found, such as cracks, crevices, moist areas, openings around pipes and sinks, corners, behind and under furniture, cabinets, sinks and similar areas. Spray directly on insects when possible. Broadcast applications to exterior surfaces of boats are prohibited. Applications to exterior surfaces of boats are limited to spot treatments only. However, do not apply to boat surfaces which contact water. Use inside boats, ships and other vessels is permitted. Do not allow product to drain or wash off into water bodies or other aquatic habitat.

Houseflies, Mosquitoes, Cluster Flies, Gnats, Flying Moths: For outdoor use only as an aid in reducing annoyance from these insects. Contact as many insects as possible. Apply as a spot treatment to the outside surfaces of screens, doors, window frames or wherever these insects may enter. Treat surfaces around light fixtures on porches, in garages and other places where these insects congregate.

Wasps, Hornets, Yellow Jackets, Bees: Make applications late in the evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nests and contacting as many insects as possible.

Ants and Carpenter Ants: Spray directly on these pests for fast action. Spray trails, nests and points of entry such as cracks and crevices where ants may hide. For *carpenter ants*, apply spray around doors, doorframes, windows and other areas where these ants enter the premises or hide.

Fleas: Apply as a spray to areas where fleas are most likely to be found, such as, ~~but not limited to~~, 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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Do not store near heat or open flame. Do not store this water based formulation at temperatures below 32°F (0°C). **Container 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.]

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.]

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