

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



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

FEB 29 2012

Nasser A. Assaf, Ph.D
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

Subject: Amended Reregistration Label
Product Name: DS 530 Insecticide
EPA Registration Number: 73049-180
EPA Decision Number(s): D384554

Dear Dr. 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 above referenced product in connection with the Allethrins RED(s), and has concluded that your submission is acceptable.

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

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

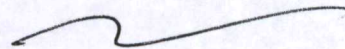
- Basic CSF, dated [November 5, 2010]
- Alternate CSF #1, dated [November 5, 2010]


A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. 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 FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dani Daniel at (703)305-5409 or via e-mail at daniel.dani@epa.gov

Sincerely,



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

Enclosures: *Label stamped "Accepted," dated*
 Acute Toxicity Review, dated (December 17, 2010)
 Product Chemistry Review, dated (September 9, 2011)

DS 530 INSECTICIDE

- *[Designed for use by professional pest control operators]*
- *Contains UltraTec® Insecticide And Esbiol® Insecticide*
- *Contains Deltamethrin And S-Bioallethrin*
- *Water-Based*
- *Powerful Killing Action Plus Long-Lasting Residual Control*
- *Keeps Killing For Up To 12 Weeks*
- *Quick KnockDown Formula*
- *Long-Lasting Control*
- *For Indoor/Outdoor Use*
- *Kills Fleas-Roaches-Ants-Spiders*
- *Kills On Contact*
- *Kills Hidden Bugs*
- *Kills Bugs You See And Even the Ones You Don't See*
- *Broad Spectrum Insect Control*
- *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*
- *No Oily Residue - No Unpleasant Odor*
- *No Greasy Residue - Non-Staining*
- *Won't Stain Carpets And Floors*
- *Protects For Up To 4 Weeks*
- *Keeps On Killing For Up To 4 Weeks*
- *Keeps On Killing*
- *Contains No CFC's]*

ACTIVE INGREDIENTS:

S-Bioallethrin 0.30 %

Deltamethrin 0.05 %

OTHER INGREDIENTS: 99.65 %
100.00 %

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. 73049-180

EPA EST NO.

KEEP OUT OF REACH OF CHILDREN**CAUTION**

See Side Panel for Additional Precautions

For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.

NET CONTENTS:

Lot Number:

**ACCEPTED
FEB 29 2012**

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

EPA. Reg. No: 73049-180

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes and socks

User Safety requirements:

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.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations:

- 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.
- User should remove PPE immediately after handling this product. As soon as possible wash thoroughly and change into clean clothing.

[Products used exclusively indoors may omit the Environmental Hazards Statement.]

[Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. 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 and Chemical Hazards

Contents under pressure. Do not use or store near heat or 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.

DS 530 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.

For use in non-food/non-feed areas indoors and outside premises of hotels, motels, homes, preschools, nurseries, day camps, 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. Also for use in dog kennels and horse stables. IN HORSE STABLES, not for application if horses will be used for food/feed. Also for use in residences, campers, mobile homes, buses, automobiles, trucks, and boxcars.

Application Restrictions:

[Alternate text for product intended for outdoor use.]

- [Outdoor surface applications are limited to spot treatment only. Broadcast applications are prohibited.
- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- Not for use on plants grown for sale or other commercial use.]

[Alternate text for product intended for indoor use.]

- [Indoor surface spray applications are limited to spot treatments only. Broadcast surface applications are prohibited.]

Use Restrictions

- Do not enter or allow unprotected persons to enter until treated areas 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 applications.
- Do not use water-based sprays in conduits, motor housings, junction boxes, switch boxes or other electrical equipment because of possible shock hazard.
- Do not apply this product in any room being used as a living, eating or recovery area by patients, the elderly or the infirm with they are in the room.
- Remove birds and other pets before application. Cover and water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment and turn aquarium systems off.
- Do not apply directly into sewers, ~~or~~ drains, floor 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.
- Do not apply directly to or near water, storm drains, gutters, sewers or drainage ditches. Do not apply when windy. Do not water the treated area(s) to the point of run-off or apply when raining or when rain is expected that day.
- Do not apply to classrooms when in use.
- Do not apply to areas of institutions (including libraries, sport facilities, etc.) when occupants are present in the immediate treatment area.
- Do not apply to 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. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

Can be used in non-food/non-feed areas of food handling establishments such as garbage rooms, lavatories, floor drains (to sewers), entries, vestibules and hallways, offices, locker rooms, machine rooms, basements, boiler rooms, garages, utility rooms, mop closets and storage rooms (after canning or bottling).

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.

DS 530 will not stain surfaces or fabrics where water alone causes no damage.

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 & crevice treatment to 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. 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, Waterbugs 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 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.

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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.

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*.

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. Spray insects directly whenever possible. Repeat treatment as necessary but not more than once per week.

STORAGE AND DISPOSAL

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

Pesticide 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.]

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 [or 1-877-315-9819] 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.

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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

870 Technology Way

Libertyville, IL 60048

List No. 73049180

02-0569/R2

[Indicates alternate text.]