

73049-269

4/28/2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

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

APR 28 2011

Dear Dr. Assaf:

Subject: Application for Pesticide Notification (PRN 98-10)
Comply with Agency pyrethroid labeling letter dated June 4, 2009,
Revise per Pesticide Registration Notice 2007-4 (Container Disposal),
and update Warranty Statement
Pyrenone General Purpose Spray
EPA Reg. No. 73049-269
Your submission dated February 4, 2011

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated February 4, 2011 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions regarding this letter, please contact Dana Pilitt, PhD of my staff at (703) 305-7071 or via e-mail at pilitt.dana@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

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Please read instructions on reverse before completing form.

Form Approved JMB No. 2070-0060, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-269	2. EPA Product Manager Mark Suarez	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Pyrenone General Purpose Spray	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: NOTIFICATION EPA Reg. No. _____ Product Name APR 28 2011	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.)

Label Notification - No Fee; e-mail: Nasser.Assaf@valent.com; Fax: (925) 817-5160

See Self Certifications statements on cover letter.

Changes include:

- Environmental Hazard and General labeling requirement per Agency's letter of June 4, 2009
- Revise Storage & Disposal Statements in Compliance with PR Notice 2007-4,
- Updated warranty statement in agreement with US EPA OPP Guidance on Warranty Statements (Oct. 17, 2006)
- No other changes have been made to the label other than those clearly marked.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container

3. Location of Net Contents Information
 Label Container

4. Size(s) Retail Container
1 to 128 ounces, 1-20 gallons

5. Location of Label Directions
 on label

6. Manner in Which Label is Affixed to Product
 Lithograph
 Paper glued
 Stenciled Other _____

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Nasser A. Assaf, Ph.D	Title Manager, Product Safety and Regulatory Affairs	Telephone No. (include Area Code) (847) 908-4788
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Certification

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 <i>NASSAF</i>	3. Title Manager, Product Safety and Regulatory Affairs
4. Typed Name Nasser A. Assaf, Ph.D	5. Date February 4, 2011

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870 TECHNOLOGY WAY
LIBERTYVILLE, IL 60048 - 800-323-9597

February 4, 2011

Document Processing Desk (NOTIF-Pyrethroid)
Registration Division
Office of Pesticide Programs (7504P)
US Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

ATTN: Mark Suarez
Product Manager 13
Insecticide Branch

SUBJECT: APPLICATION FOR PESTICIDE LABEL NOTIFICATION – No PRIA Service Fee Required
Submission of Revised Labeling Per:

- June 4, 2009 Environmental Hazard and General labeling for Pyrethroid Non-agricultural Outdoor Products
- PR-Notice 2007-4, Container Disposal
- PR-Notice 98-10, Warranty Statement update

Pyrenone General Purpose Spray; EPA Reg. No. 73049-269

Dear Mr. Suarez:

This application for label notification for the above subject product is being submitted to comply with the Agency's letter of June 4, 2009 Environmental Hazard and General labeling for Pyrethroid Non-agricultural Outdoor Products Notification; PR Notice 2007-4, Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment Revision of Container Disposal and US EPA OPP Guidance on Warranty Statements (Oct. 17, 2006) among other minor changes which are clearly marked.

Pyrenone General Purpose Spray; EPA Reg. No. 73049-269; is ready-to-use liquid pyrethroid product for indoor/outdoor household and commercial use.

Due to the limited space on EPA Form 8570-1, Section II, the self certification statements are as follows:

Agency's letter of June 4, 2009 Environmental Hazard and General labeling for Pyrethroid Non-agricultural Outdoor Products Notification

Notification of label change per June 4, 2009, letter from Environmental Protection Agency. This notification is consistent with the guidance in the June 4, 2009 letter and the requirements of EPA's regulations at 40 CFR part 156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR 156, 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.

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PR Notice 2007-4, Labeling Revisions Required by the Final Rule "Pesticide Management and Disposal Notification of label change per PR-Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, 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.

US EPA OPP Guidance on Warranty Statements (Oct. 17, 2006)

This notification is consistent with the provisions of PR Notice 98-10 and the EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula for 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 warranty statements per PR Notice 98-10 II J.

Two (2) copies of revised draft labeling with changes clearly marked are enclosed. Additions are noted in underlined italics. Deletions are shown struck through.

If you need additional information or have any questions regarding this submission, please do not hesitate to contact me at (847) 968-4844 or e-mail to: Nasser.assaf@valent.com.

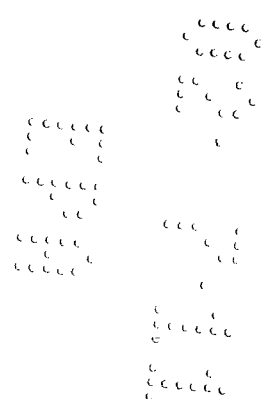
Sincerely,



Nasser A. Assaf, Ph.D.
Manager, Product Safety and Regulatory Affairs

Enclosures

cc: VBC Regulatory File



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NOTIFICATION

APR 28 2011

PYRENONE[®]
GENERAL PURPOSE SPRAY

- *Pyrenone General Purpose Spray Is an Effective, Fast-Acting Insecticide That Kills The Accessible Or Exposed Stages Of: Ants, Bedbugs, Cheese Mites, Clover Mites, Cockroaches, Crickets, Flying Moths, Fruit Flies, Gnats, Hornets, Houseflies, Mosquitoes, Scorpions, Silverfish, Spiders And Wasps*
- *Pyrenone General Purpose Spray Controls Many Common Stored Product Pests: Angoumois Grain Moths, Grain Mites, Rice Weevils, Carpet Beetles, Granary Weevils, Rust-Red Flour Beetles, Cheese Skippers, Indian Meal Moths, Saw-Toothed Grain Beetles, Cigarette Beetles, Meal Worms, Spider Beetles, Confused Flour Beetles, Mediterranean Flour, Tobacco Moths, Drugstore Beetles, Moths*
- *Pyrenone General Purpose Spray Is Highly Useful For Insect Control In Residences, Institutions, Public Buildings, Hospitals, Hotels, Restaurants, Stores, Theaters, Food Processing Plants, Bakeries, Grain Mills, Dairies, Breweries, Bottling Plants, Warehouses, Trucks And Other Situations Where An Insecticide With A High Degree of Effectiveness Is Required*
- *When Used As Directed, Allowable Tolerance Levels In Food Will Not Be Exceeded*
- *Contains Pyrethrins, A Botanical Insecticide*
- *Contains Pyrethrins Combined With [Piperonyl Butoxide] [Butacide[®]] 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*
- *Specially Formulated [Designed] To [Provide Fast and Effective] Kill [Of] Crawling and Flying [Pests][Insects]*

ACTIVE INGREDIENTS:

Pyrethrins.....	0.15%
Piperonyl Butoxide	1.50%
OTHER INGREDIENTS:	<u>98.35%</u>
	100.00%

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada amplimente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

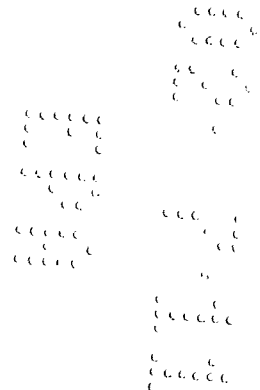
EPA REG. NO. 73049-269

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Side/Back Panel For Additional Precautions and First Aid

NET CONTENTS:



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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.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If persons 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 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.
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.
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.	
NOTE TO PHYSICIAN	
Contains petroleum distillate - vomiting may cause aspiration pneumonia.	

**PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals**

CAUTION

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes and skin. Wear protective clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash clothing before reuse. Remove pets, birds and cover fish aquaria before spraying. Prevent re-entry of dogs and cats into treated area until spray deposits are dry.

Do not apply as a space spray while food processing is underway. Except in Federally inspected meat and poultry plants, when applied as a surface spray with care and in accordance with the directions and precautions given above, food processing operations may continue. Cover or remove foods before treatments. In food processing areas, all surfaces must be washed and rinsed with potable water after spraying.

When using in animal quarters, do not apply directly to food, water or food supplements. Wash teats of dairy animals before milking.

Environmental Hazards

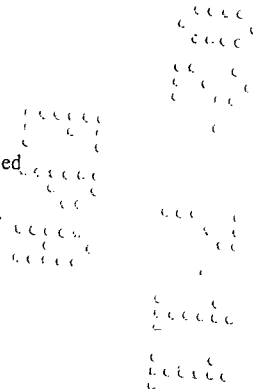
This product is highly toxic to fish. ~~To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutter or surface waters. Apply this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.~~ Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

DIRECTIONS FOR USE

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

For maximum insect control, a combination of localized surface application and space treatment is recommended.

When treating surfaces and fabrics, spray in an inconspicuous area to test for possible staining or discoloration.



Application is prohibited into sewer drains or to any area like a gutter where drainage to sewers, storm drains, water bodies or aquatic habitat can occur. Do not allow this product to enter any drain during or after applications.

SPACE SPRAY: For rapid control of *Houseflies, Fruit Flies, Mosquitoes, Flying Moths* and *Gnats*. Close doors and windows and shut off ventilating systems. Use a good sprayer adjusted to deliver a fine mist, directing spray toward the upper portions of the enclosure and filling the room with mist. Use 1/2 to 1 oz. of spray for each 1000 cubic feet of space. Keep area closed for at least 10 minutes after spraying.

Vacate area after treatment and ventilate for 30 minutes before reoccupying. Do not allow pets to enter area before ventilated.

VAPOR SPRAY: Pyrenone General Purpose Spray is a potent spray that permits its use as a fog or vapor treatment in special electric, steam or compressed air equipment. Use in accordance with manufacturers' directions for the individual type of applicator selected. Dosages vary with different generators, but many such applicators are designed to give most effective results when the material is used at 1 pint to each 8,000 - 15,000 cu. ft. of space. In all cases, dosages should be sufficient to thoroughly fill the enclosure with fog or vapor. Insects controlled will be the same as given for "Space Spray" above.

SURFACE SPRAY: To control *Cockroaches, Silverfish, Crickets, Spiders, Clover Mites, Scorpions, Cheese Mites, Cheese Skippers, Spider Beetles*, use Pyrenone General Purpose Spray in a good machine adjusted to deliver a coarse droplet spray using approximately 1 gal. of material to each 750 sq. ft. of surface. Spray infested areas thoroughly and direct the liquid behind baseboards, moldings, cabinets, shelves, sinks, door and window frames, pipes, toward drains and dark corners and into cracks, crevices, recesses and similar hiding places, contacting insects wherever possible.

AGAINST *Ant* INFESTATION, treat shelves, cabinets and storage areas; spray ant runs, trails, baseboards, thresholds and other places of entry and treat nests liberally.

TO CONTROL *Bedbugs* effectively, apply liberally to top, ends, sides and bottom of mattresses, spraying thoroughly all tufts, seams and folds. Spray springs and frames, directing the liquid into all cracks and lock joints. Treat walls, baseboards, moldings, floors, closets, bedroom furniture and picture frames with particular attention to protected bedbug hiding and breeding places.

TO CONTROL *Carpet Beetles* effectively, apply to floor areas and baseboards. Spray directly into cracks, crevices and under carpets where insects may be found. Treat both the underside and top side of infested carpets. Spray inside of trucks, closets and infested areas of shelving.

STORED GRAIN OR FLOUR INSECTS: Pyrenone General Purpose Spray is also useful in mills, elevators, granaries, warehouses, food storages and other situations where an effective, fast-acting insecticide is required for control of the exposed stages of: *Granary Weevils, Rice Weevils, Cigarette Beetles, Drugstore Beetles, Carpet Beetles, Saw-Toothed Grain Beetles, Rust-Red Flour Beetles, Confused Flour Beetles, Angoumois Grain Moths, Indian Meal Moths, Tobacco Moths, Meal Worms* and *Grain Mites*. As a space or vapor spray, it provides rapid kill of flying and crawling stages. In cracks and crevices of floors, it is effective in the control of grain insects.

FOR TREATMENT OF FLOORS AND BINS: Pyrenone General Purpose Spray not only gives initial kill of the accessible stages of most stored grain and food product pests listed in the previous paragraph, but gives some continued protection in cracks and crevices where insects hide. Apply with a good machine, adjusted to deliver a coarse droplet spray using approximately 1 gal. of material to each 750 sq. ft. of surface.

IN MILLS, ELEVATORS AND GRANARIES, thoroughly spray floors, walls and other surfaces of bins, storage and handling areas with particular attention to cracks, crevices and similar protected locations. Waste grain, dust, dirt and debris should be removed and destroyed and storage areas cleaned before spraying. Treat unloading, handling and processing areas and apply the insecticide to conveying, processing and handling equipment, the inside of reel sifter, purifier conveyors, sifters, roll housings and hoppers, pick-up conveyors, etc. Spray thoroughly around the bases of heavy machinery and equipment.

FOR IN TRANSIT PROTECTION AND CONTROL, treat truck beds, box cars and ships' holds before loading. For extended protection and control in warehouses and food products storages, treat exposed surfaces as recommended above and spray heavily into cracks, crevices, recesses, hiding and breeding areas. Thoroughly treat walls, floors, shelves and other exposed areas, and lightly spray each layer of cartons or containers as stacked.

AS A CONTACT SPRAY: Pyrenone General Purpose Spray is also very effective when used as a contact spray against *Mosquitoes, Gnats, Wasps, Hornets, Skippers, Scorpions* and *Cheese Mites*. When these insects are present, contacting them with a fine mist will provide immediate kill. Spraying walls, ceilings, lights, moldings, screen doors and door frames, beams and light cords will make these location unfavorable as resting or hiding places for these insects.

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STORAGE AND DISPOSAL

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

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: ~~Non-refillable container. If empty: Do not reuse or refill this container. Triple rinse (or equivalent). Then Offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures. If partly filled: Call your local solid waste agency 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~~ **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.

LIMITATIONS OF LIABILITY: ~~TO THE EXTENT CONSISTENT WITH APPLICABLE LAW,~~ THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

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Butacide is a registered trademark of Valent BioSciences Corporation.

Pyrenone is a registered trademark of the Bayer AG.

Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048
List No. 73049269

02-0532/R2