

279-3259

9/29/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SEP 29 2009

Mrs. Nancy J. Hilton
Product Registrations Manager
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

RE: Notification of Alternate Brand Name: Cynoff Insecticide
EPA Registration Number: 279-3259
Date of Submission: August 14, 2009

Dear Mrs. Hilton:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated, August 14, 2009, for the above mentioned product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



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 279-3259	2. EPA Product Manager Richard Gebken	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Zeta-Cyp Dust Insecticide	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) FMC Corporation 1735 Market Street Phila., PA 19103 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(ii), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION SEP 29 2009
<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.)

Notification - Alternate Brand Name - Cynoff Insecticide.

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of 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.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
<i>Certification must be submitted</i>		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Nancy Hilton	Title Product Registrations Manager	Telephone No. (include Area Code) 215-299-6753
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 	3. Title Product Registrations Manager	
4. Typed Name Nancy Hilton	5. Date August 14, 2009	

FMC Agricultural Products

FMC Corporation
1735 Market Street
Philadelphia, PA 19103
215.299.6000 Phone
www.fmc.com

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August 14, 2009

FEDERAL EXPRESS

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
One Potomac Yard - Room S-4900
2777 South Crystal Drive
Arlington, VA 22202-4501

Ms. Linda Arrington
Team Leader
Notifications and Minor Formulation Amendments
Registration Support Branch

Dear Ms. Arrington:

Subject: Chemical Number/Name: 129064/zeta-cypermethrin
Zeta-CYP Dust Insecticide (EPA Reg. No. 279-3259)

Notification of Alternate Brand Name per PR Notice 98-10

FMC Corporation is submitting by Notification an alternate brand name for the product *Zeta-CYP Dust Insecticide*. The alternate brand name is *Cynoff Insecticide*.

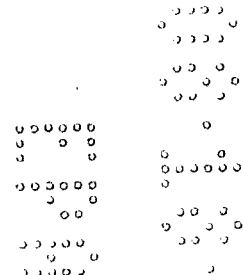
Enclosed please find a completed EPA Form 8570-1, which includes the required language as specified in the section VI of PR Notice 98-10, as well as one copy of the labeling noting the notification change.

Please let me know if there are any questions or if you need any further information.

Sincerely,



Nancy J. Hilton
Product Registrations Manager
(215) 299-6753
nancy.hilton@fmc.com



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CE DUSTS NOTIFICATION

SEP 29 2009



INSECTICIDE

For Use by Licensed Pest Control Operators.

For use indoors and outdoors for residential, institutional, public commercial, and industrial buildings, greenhouses (non-commercial), non-food/feed areas of food/feed handling establishments, granaries, and lawns, ornamentals, parks, recreational areas and athletic fields.

EPA Reg. No. 279-3259	EPA Est. 39578-TX-1
Active Ingredient:	By Wt.
Zeta-Cypermethrin*	0.075%
Piperonyl Butoxide	0.150%
Other Ingredients:	99.775%
	100.000%

**Cis/trans ratio: Max. 55% (±) cis and min. 45% (±) trans
U.S. Patent No. Pending

KEEP OUT OF REACH OF CHILDREN CAUTION

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.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product contains a pyrethroid. Skin contact may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.	
For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362).	

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Caution
Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high 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.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Prohibitions

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

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior landscapes, ornamental gardens or parks, or lawns or grounds.

This product is a ready to use insecticide for use against the listed pests when used in accordance with the label directions.

For pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include (but are not limited to): industrial buildings and installations; houses; apartment buildings; laboratories; buses; greenhouses (non-commercial); mausoleums; sewers and underground tunnels; telecommunication conduits; utility vaults and conduits; and the non-food/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (do not use in aircraft cabins), theaters, schools, nursing homes, hospitals, restaurants, hotels, and food manufacturing, processing, and servicing establishments.

This product is intended for applications with hand or power duster (Actisol® DPA or similar equipment), with a paintbrush or by other suitable means, to hiding and runway areas and other places where insects are found.

To apply this product directly into cracks and crevices, use a bulbous duster or other suitable equipment. Apply lightly and uniformly to infested area. Pay particular attention to cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical and telephone fit-



FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia PA 19103

Net Contents: 1 Pound

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ings and equipment; around water and sewer pipes; under and behind cabinets; refrigerators and sinks; around windows and doorframes; along baseboards; in attics and crawlspaces. The amount to be applied will vary with the site but should usually be in the range of 0.05 to 0.07 ounces per square yard (1.58 to 2.4 grams per square meter or 0.32 to 0.5 pounds per 1,000 square feet).

For indoor/outdoor usage: Repeat application only if there are signs of renewed insect activity. Repeat application should be limited to no more than once per 7 days.

INDOOR USE

Use this product to kill ants (including Imported Fire Ants), bedbugs, boxelder bugs, carpet beetles, centipedes, cockroaches, crickets, earwigs, firebrats, fleas, ground beetles, millipedes, silverfish, slugs, sow bugs, spiders (except black widow and brown recluse spiders), springtails, termites and wasps (except paper wasps), and webbing clothes moths.

Food Handling Establishments: Places other than private residences in which, food is held, processed, prepared or served. Applications are permitted as a spot or crack and crevice treatment.

Nonfood Areas: Includes garbage rooms, lavatories, floor drains, (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Cynoff insecticide may be used as a general spot, crack and crevice treatment in nonfood areas. All areas where insects inhabit or through which insects may enter should be treated.

Food Areas: Do not use in food/feed areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food/feed is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods 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/feed should be covered or removed. Not for use in Federally Inspected meat and poultry plants.

Examples of food areas are areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed; processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

Crack and Crevice Treatments

Apply dust in small amounts, using a Centrobulb hand duster or other suitable equipment, directly into cracks and crevices. Pay particular attention to areas where pests hide or inhabit, such as: around baseboards and in closets; around sewer and water pipes, doors and windows; behind and under refrigerators, cabinets, sinks, stoves and other equipment; in electrical outlets; around electrical and telephone fittings and equipment; and under drawers and similar areas. Make applications in a manner to avoid deposits on exposed surfaces on introducing the excess material into the air.

Void Treatments

This product may also be applied as a void treatment using suitable equipment, including Actisol® DPA equipment. Be sure to thoroughly treat service ducts, false floors and ceilings, wall voids, attics and crawl spaces. The amount of dust to be applied will vary with the site but should usually be in the range of 0.05 to 0.07 ounces per square yard (1.58 to 2.4 grams per square meter or 0.32 to 0.5 pounds per 1,000 square feet).

Ants, boxelder bugs, cockroaches, crickets, fleas, firebrats, and silverfish: Apply Cynoff insecticide thoroughly to all areas where these pests crawl and hide, especially in those areas described above. For ants, apply to ant trails, around doors and windows and other places where ants enter the premises.

Termites, carpenter ants and carpenter bees: Apply to voids or channels in damaged wooden members of a structure; to cracks, spaces or bearing joints between wooden members of a structure; or between such members and the foundation; and in locations vulnerable to termite attack. Drilling may be necessary prior to applying Cynoff Insecticide in these locations, but it must be recognized that such drilling and treating of timber in a particular location may not result in complete coverage of infested and vulnerable voids or galleries. Drilling directly overhead with subsequent application of Cynoff Insecticide should be avoided. This product is intended to kill workers and/or winged reproductive forms of termites present at the time of application only. Application of this product will not provide structural protection nor substitute for mechanical alteration, soil or foundation treatment with termiticide. This product is not to be used as sole protection against termites, as it is not intended for use for elimination of termite infestations nor for protection against future infestations. A professional inspection is recommended.

Centipedes, ground beetles, millipedes, spiders (except black widow and brown recluse spiders) and sow bugs: Apply Cynoff Insecticide along and behind baseboards, to window and door frames, corners, pipes, storage locations, attics, crawl spaces, and other areas into which these pests may enter or crawl.

Bees and Wasps (except paper wasps): It is generally advisable to treat bee and wasp nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed nec-

essary to avoid stings. Using hand or power duster (Actisol® or similar equipment) or other suitable means, with extension tubes if necessary, thoroughly dust nest, entrance and surrounding areas where insects alight. For ground wasps, dust entrance and surrounding areas.

Webbing clothes moths: Use Cynoff Insecticide 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 the clothes. **DO NOT** apply this product directly to clothing.

Carpet beetles (black, furniture, common and varied): Dust where these insects are found, for example: on and under edges of floor coverings, around baseboards, under rugs and furniture, and in closets.

Bedbugs: Apply 0.05 to 0.07 ounces of Cynoff Insecticide per square yard (1.58 to 2.4 grams per square meter) to cracks and crevices where evidence of bed bugs occurs. This includes bed frames, box springs, inside empty dressers and clothes closets and carpet edges, high and low wall moldings and wallpaper edges. Do not use this product on mattresses, pillows, bed linens, or clothes. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to dry thoroughly before use. Not recommended for use as sole protection against bedbugs. If evidence of bedbugs is found in/on mattresses, use products approved for this use.

Stored product pests:

To aid in the control of the exposed stages of:

- | | |
|------------------------|---------------------------|
| cadellles | merchant grain beetles |
| cheese mites | red flour beetles |
| cigarette beetles | rice weevils |
| confused flour beetles | rusty grain beetles |
| dark meal worms | saw-toothed grain beetles |
| drugstore beetles | spider beetles |
| grain mites | tobacco moths |
| granary weevils | yellow mealworms |
| lesser grain borers | |

Clean up waste materials, dust, dirt and other debris. Thoroughly treat floors, walls and other surfaces in storage and handling areas. Apply Cynoff Insecticide in cracks and crevices, behind and under cupboards, and other difficult to reach areas where insects may hide. **DO NOT** apply directly on food/feed, utensils or on areas where food/feed is stored.

OUTDOOR USE

Use this product to kill ants (including Imported Fire Ants), centipedes, cockroaches, crickets, earwigs, firebrats, ground beetles, millipedes, silverfish, slugs, sow bugs, spiders (except black widow and brown recluse spiders), and springtails, termites, bees and wasps (except paper wasps). Apply with hand or power duster (Actisol® DPA or similar equipment), with a paintbrush or by other suitable means, around windows and doors, porches, screens, eaves, patios, garages, under stairways, in crawl spaces and other areas where pests hide.

Telecommunication Treatment: Apply this product into telecommunication conduits, cracks and crevices, junction boxes, etc. using suitable application equipment (such as Actisol® DPA Duster, or other types of application equipment capable of applying the proper amount). The amount of this product to be applied will vary, but should usually be approximately 0.67 grams of dust per cubic foot of conduit.

This product can be used in areas showing signs of active infestations, such as underground telecommunication cable conduits, electrical cable conduits, junction boxes and manholes. Apply dust through suitable application equipment (such as the Actisol® DPA Duster, that is capable of delivering particles suspended in a low pressure air system). Applications should be made from both ends of a run of open conduit in cases where breakdown in the conduit is suspected. This product can also be applied directly to the interior of the conduits after cables have been installed. Apply at the rate of 0.67 grams of dust per cubic foot of conduit using equipment (i.e., Actisol® DPA Duster) that is capable of delivering particles suspended in a low-pressure air system.

Ants, Bees, Carpenter Ants, Carpenter Bees, Termites and Wasps (except paper wasps): Apply to voids or channels in damaged wooden members of a structure; to cracks, spaces or bearing joints between wooden members of a structure; or between such members and the foundation; expanded foam and insulation of a structure; or between such members; and in locations vulnerable to termite attack. Drilling may be necessary prior to applying this product in these locations, but it must be recognized that such drilling and treating of timber in a particular location may not result in complete coverage of infested and vulnerable voids or galleries. This product can be applied in attics and crawl spaces at a rate of 0.32 to 0.5 pounds per 1,000 square feet of floor area. In these treatments, all vents and blowers should be closed. Repeat application only if there are signs of renewed insect activity. This product is intended to kill workers and/or winged reproductive forms of termites present at the time of application only. Application of this product will not provide structural protection nor substitute for mechanical alteration, soil or foundation treatment with termiticide. This product is not to be used as sole protection against termites, as it is not intended for use for elimination of termite infestations nor for protection against future infestations. A professional inspection is recommended.

