


279-3259

04/19/2007

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 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY</p> <p style="text-align: center;">Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(Under FIFRA as amended)</p>	EPA Reg. Number: 279-3259	Date of Issuance: APR 19 2007
	Term of Issuance: Conditional	
	Name of Pesticide Product: Zeta-CYP Dust Insecticide	
Name and Address of Registrant (include ZIP Code): FMC Corporation 1735 Market Street Philadelphia, PA 19103		
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.		
Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.		
This product is <u>conditionally</u> registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:		
1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.		
Signature of Approving Official:		Date:

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EPA Reg. No. 279-3259

2. You will make the following label changes before you release the product for shipment:

- a. Revise the EPA Registration Number to read "EPA Registration Number 279-3259."
- b. Change "Not for use in USDA meat and poultry plants." To read "Not for use in Federally Inspected meat and poultry plants."
- c. Revise the User category on the front panel to read, "For Use by Licensed Pest Control Operators".
- d. Qualify the site greenhouses as non commercial throughout the label i.e., "greenhouses(non- commercial)".
- e. Revise the bed bug directions the same as requested under paragraph 2(d) of our April 19, 2007 letter foe Zeta- Cype EW Insecticide (279-3243).
- f. Under Outdoor Use third paragraph replace the last sentence beginning, "Applications are not a substitute... etc." with the same statements indicated under 4(a)of your April 17, 2007 letter.
- g. On page 3 change "WARNING" to "ATTENTION".

3. Please submit two (2) copies of your final printed labeling before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

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Zeta-Cyp Dust Insecticide

Only for Sale to, Use and Storage by Pest Control Operators.

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

EPA Reg. No. 279-GELO

EPA Est. 279-

Active Ingredient:	By Wt.
Zeta-Cypermethrin*	0.075%
Piperonyl Butoxide.....	0.150%
Other Ingredients:.....	99.775%
	100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 19 2007

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

279-3259

FMC.

FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

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 pests 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; mausoleums; sewers and underground tunnels; telecommunication conduits; utility vaults and conduits; and the nonfood/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 fittings and equipment; around water and sewer pipes; under and behind closets; 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 uses: 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), bed bugs, 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, bees 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). *Zeta-Cyp Dust 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 USDA 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 *Zeta-Cyp Dust 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 *Zeta-Cyp Dust 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 *Zeta-Cyp Dust 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 *Zeta-Cyp Dust 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 necessary 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 *Zeta-Cyp Dust 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.

Bed bugs: Apply 0.05 to 0.07 ounces of *Zeta-Cyp Dust* per square yard (1.58 to 2.4 grams per square meter) to all areas where bed bugs are typically found, including folds and tufts of mattresses, coils of springs, cracks and hollow posts of bedsteads, upholstery of chairs and sofas, picture frame moldings, corners of wall paper, and all cracks and crevices in the room. Allow powder to remain in contact with surface at least 2 hours. Vacuum treated areas and dispose of vacuum bag. Wash all linens before use. This product should not be used as a broadcast treatment on linen or mattresses.

Stored Product Pests:

To aid in the control of the exposed stages of:

- | | |
|------------------------|---------------------------|
| cadellid | 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 *Zeta-Cyp Dust 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), springtails, termites, bees and wasps (except paper wasps). Apply with hand or power duster (*Actiso® 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 *Actiso® 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 *Actiso® 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., *Actiso® 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. Applications are not a substitute for mechanical alteration, soil treatment or foundation treatment.

Arboreal Ants: Ants inhabiting trees or tree stumps may be treated by injecting dust directly into the opening in the tree used by foraging ants or by drilling holes in the tree for the injection of dust into voids within the tree.

Ornamental Plant Pests: aphids, beet armyworms, blister beetles, boxelder bugs, elm leaf beetle, flea beetles, Japanese beetles, leafhoppers, leafminers (Boxwood, Holly, Oak, Spruce Needle), leafrollers, orange tortrix, periodical cicada, plant bugs, rose chafer, rose midges, tent caterpillars, thrips, and weevils.

Shrubs and Ornamentals: Apply when insects or their damage first appear and repeat at weekly intervals or as necessary. Apply 0.32 to 0.5 pounds per 1000 square feet; or thoroughly apply a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

Roses, petunias, chrysanthemums, geraniums, carnations and other related flowers: Apply as soon as the insect appears and repeat at 7 day intervals or as long as insects continue to appear. Apply a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

Sewer Treatment: Cockroach infestations in sanitary sewers may be treated with *Zeta-Cyp Dust Insecticide* to provide knockdown and short-term population suppression. When treating sewers, one manhole per 200 linear feet should be treated. Treatments are made by removing the manhole cover and replacing with a disc of plywood bored to receive the typical flexible hose from portable or truck-mounted ventilating equipment. Apply 1-2 ounces of dust into the ventilating air to be dispersed quickly and thoroughly through the system.

WARNING

Do not apply this product to edible crops.

Protect aquariums from dust.

Do not treat pets with this product.

During any application to overhead interior areas of structure, cover surface below with plastic shielding or similar material.

Do not apply in patient rooms while occupied or in any rooms while occupied by the elderly or infirm.

Do not apply to classrooms when in use.

Do not apply to institutions (including libraries, sports facilities, etc.) in the immediate area when occupants are present.

Do not use in warehouses where raw or cured tobacco is stored.

Do not use in warehouses while raw agricultural commodities for food or feed are being stored.

Do not use in greenhouses where crops for food or feed are grown.

Dealers Should Sell in Original Packages Only.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. EXCEPT AS WARRANTED BY THIS LABEL, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent consistent with applicable law FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

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