

279-3292

06-07-2011

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 7, 2011

Mr. Christopher Davis,  
Registration Manager  
FMC Corporation  
1735 Market Street  
Philadelphia, PA 19103-7501

**Subject: Amended Reregistration Label for CYPER TECHNICAL INSECTICIDE  
EPA Registration No. 279-3292**

Dear Mr. Davis:

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 **RED for CYPERMETHRIN**, and have concluded that your submission is acceptable with the following label revision provision(s):

General Comment(s):

1. Delete all text throughout the label marked with "strikethrough."

First Aid Statement subsection comment(s):

2. Insert the following new statement immediately preceding the statement entitled "**If in Eyes:**" to read as follows: "**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice."
3. Revise the 2<sup>nd</sup> sentence within the "**HOTLINE NUMBER**" subsection to read "For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-331-3148, twenty-four (24) hours per day, seven (7) days per week."

Precautionary Statements, Hazards to Humans and Domestic Animals subsection comment(s):

4. Revise this subsection to read "Maybe fatal if swallowed. Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse."

Storage and Disposal section comment(s):

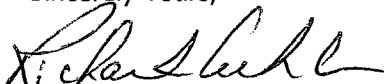
5. Within the "Nonrefillable container." subsection of the "Container Disposal" section, insert the following text immediately following the last sentence: "Offer for recycling if available for reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities."

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Within 45 days of the date of this letter, you must submit an updated label incorporating all of the above changes. If we do not receive an amended label in response to this letter, this registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

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

If you have any questions about this letter, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov). Copies of the acute toxicity and product chemistry reviews completed for the subject product are also enclosed for your records. When submitting the amended label in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely Yours,



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

*Enclosures: Label stamped "Accepted with Comments"  
Acute Toxicity Review, dated June 16, 2010  
Product Chemistry Review, dated July 12, 2010*

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# Cyper Technical

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Net Contents

## Insecticide

An Insecticide for Formulating Use Only

EPA Reg. No. 279-3292

EPA Est.

### Active Ingredients

* Cypermethrin **	94.00%
Related Reaction Products	6.00%
	<hr/> 100.00%

\* (±)Cyano (3-phenoxyphenyl)methyl (±) *cis/trans* 3-(2,2-di-chloroethenyl)-2,2 dimethylcyclopropane carboxylate

\*\* *Cis/trans* isomer ratio: Max 55% (±) *cis* and Min. 45% (±) *trans*  
U.S. Patent No. 4,024,163

### KEEP OUT OF REACH OF CHILDREN

## WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

**If Swallowed:** 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 on Skin or Clothing:** 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 in Eyes:** 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.

### Note to Physician

Reversible skin sensations (paresthesia) may occur and ordinary skin salves have been found useful in reducing discomfort. Treatment is otherwise controlled removal of exposure followed by symptomatic and supportive care.

### 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 medical treatment information.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans (and Domestic Animals)

**Warning!** May be fatal if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

#### Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates, oysters and shrimp. ~~Keep out of lakes, streams, ponds, tidal marshes or estuaries.~~ Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

### STORAGE AND DISPOSAL

#### Prohibitions

Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal. ~~Open dumping is prohibited. Do not reuse empty container.~~

#### 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. Do not store near food or feed. Carefully open containers. After partial use, replace lids and close tightly. Keep container closed when not in use.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: 1-(800)-331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

#### Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container Disposal

**Nonrefillable container.** Do not reuse or refill this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Offer for recycling if available.

Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times.

Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**Returnable/Refillable Containers** - Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

### DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining USEPA registration for their formulated product which may be labeled for the use patterns as found listed on this label.

#### This Material Requires Further Mixing Before Use

#### Only for formulation into an insecticide for the following use(s):

**Indoors, Nonfood/feed areas only:** Wood and wood structure protection (against termites, beetles, etc.) and general insect pest control in buildings, structures, transports and their immediate surroundings, including but not limited to: agricultural, industrial and commercial buildings, houses, apartment buildings, laboratories, buses, and the non-food/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (cargo areas only), schools, nursing homes, hospitals (non-patient areas), restaurants, hotels, food manufacturing, processing and servicing establishments, interiorscapes, and plantscapes in interior gardens.

- 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 stored.

Do not use in the food/feed areas of food/feed handling establishments, restaurants, or other areas where food/feed 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 foods are served such as dining rooms but excluding areas where food may be prepared or held. Non-food/feed areas of food/feed handling establishments where the product can be applied include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets, and storage areas (after canning or bottling).

**Food Handling Establishments:** Places other than private residences in which food is held, processed, prepared or served.

**Nonfood Areas:** Permitted areas of use include industrial buildings, houses, apartment buildings, laboratories, buses, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (cargo areas only), schools, nursing homes, hospitals, restaurants, hotels, food manufacturing, processing and service establishments. Permitted nonfood/feed areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets and storage (after canning or bottling). All areas where insects hide or through which insects may enter should be treated.

**Terrestrial Outdoor, Non-food Uses:** Ornamentals including non-bearing fruit and nut trees grown for ornamental purpose, evergreens, ornamental trees, shrubs, vines, ground covers, lawn and turfgrass grown around industrial and commercial buildings, private homes, duplexes, townhomes, condominiums, house trailers, apartment complexes, carports, garages, sports fields and complexes, tennis courts, fence lines, storage sheds, barns, and their structures (fences, posts, slabs, crawlspaces, foundations, porches, window frames, eaves, patios, garages) and refuse dumps.

**Greenhouse, Non-food Uses** Indoor and outdoor (shade house) grown floral and foliage plants.

**Domestic Indoor/Outdoor (non-commercial homeowner) Uses:** Indoor and outdoor (shade house) grown floral and foliage plants (non-food uses).

#### Terrestrial Food:

Brassica vegetables, head and stem.

Brassica vegetables, leafy greens

Bulb vegetables (Allium spp)

Cotton

Lettuce (head)

Pecans

#### Domestic Outdoor - Wood or Wood Structure Protection Treatments

#### General Outdoor Insect Control (Non-food Uses)

#### Domestic Farm Animals: Cattle, Horses

This product must not be formulated into end-use products that contain directions for use on sod farms, agricultural uncultivated areas, fencerows, hedgerows or rights-of way.

This product must not be formulated into wettable powder end use formulations unless they are packaged in water soluble bags.

This product must not be formulated into end-use products that contain directions for use on both agricultural crops and for other uses, such as in and around residential, commercial and industrial sites or on farm animals. This product may only be formulated into end-use products with directions for use for agricultural crop (WPS) uses only, or end-use products with directions for use for non-agricultural-crop (Non-WPS) uses only.

This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding such use(s).

ACCEPTED

With COMMENTS  
In EPA Letter Dated:

June 7, 2011

Under the Federal Insecticide, Fungicide and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No:

279-3292

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### NOTICE OF WARRANTY

Seller warrants that the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose when used in accordance with proper manufacturing practices and procedures and under normal conditions of use. Neither this warranty nor any other warranty of **MERCHANTABILITY** or of **FITNESS** for a particular purpose, expressed or implied, extends to use or handling of this product contrary to proper manufacturing practices and procedures, or under abnormal conditions or conditions not reasonably foreseeable to Seller, or to use by mixture, chemical reaction or formulation with other substances not specifically recommended in writing by Seller, and Buyer assumes all risk of any such use. To the extent consistent with applicable law, any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values.

FMC —FMC Trademark

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Cyber Technical 4-17-09

