

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

279-3120

Date of Issuance:

AUG 17

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

Cynoff 2.5 EW  
Insecticide

(under FIFRA, as amended)

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. 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.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 279-3120

b. Please update your Directions for Use section similar to that for Registration Number 279-3081 since the label revision dated 6/16/93 is outdated.

Signature of Approving Official:

Date:

EPA Form 8570-6

CONCURRENCES

SYMBOL	1: 7505C						
SURNAME	LA						
DATE	8/16/95						

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c. The appropriate signal word is **WARNING**.

d. Under Precautionary Statements add "May be fatal if swallowed. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco."

e. Replace the Statement of Practical treatment section with "IF SWALLOWED: call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. IF ON SKIN: Wash with plenty of soap and water. Get medical attention. IF INHALED: Remove victim to fresh air. If not breathing, give mouth to mouth respiration. Get medical attention."

f. This product meets the criteria for child resistant packaging with respect to toxicity and use. Although the label bears the use limitation for PCO's only this statement may not be an enforceable statement in all states as is a product labeled for Restricted Use. Thus you have the option to place in CRP container sizes less than five gallons or package and sell this product in container sizes five gallons or greater. This comment also pertains to your product Prevail 4 EW Termiticide (EPA Registration Number 279-3118).

#### ACUTE TOXICITY REVIEW

STUDY	MRID	CATEGORY	CLASSIFICATION
Acute Oral	42926501	II	Acceptable
Acute Inhalation	42926502	III	Acceptable

A copy of the Acute Toxicity review is enclosed for your information.

3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Enclosures

Corrections & additions are in BOLD

Code 1400

Net Contents

**CYNOFF<sup>R</sup> 2.5 EW INSECTICIDE**

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

EPA Reg. No. 279-GREN

EPA Est. No. 279-

**ACTIVE INGREDIENT:**

*Cypermethrin**	27.9%
INERT INGREDIENTS	72.1%
	<u>100.0%</u>

\*(+)-alpha-cyano-(3-phenoxyphenyl)methyl (+)-cis,trans-  
3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate  
\*\*Cis/trans ratio: Max. 55% (+) cis and min. 45% (+) trans

Cynoff 2.5 EW contains 2.5 pounds active ingredient per gallon.

U.S. PATENT No. 4,024,163

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

KEEP OUT OF REACH OF CHILDREN

**17 AUG 1995**

**WARNING**

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

See Below for Additional Precautionary Statements.

279-3120

**STATEMENT OF PRACTICAL TREATMENT:**

If inhaled: Remove to fresh air. If breathing difficulty or discomfort occurs, obtain medical attention.

If swallowed: Drink plenty of water and induce vomiting by touching the back of the throat with a finger or blunt object or by giving ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician.

If in eyes: Flush eyes with plenty of water. Obtain medical attention if irritation occurs and persists.

If on skin: Wash with plenty of soap and water. Get medical attention.

FMC Corporation  
Agricultural Chemical Group  
Philadelphia, PA 19103

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Revised per EPA letter 3/23/93

Note To Physician: Cynoff 2.5 EW is a pyrethroid insecticide containing the active ingredient cypermethrin. Because cypermethrin is lipophilic, do not administer milk, cream or other substances containing vegetable or animal fats, which enhance absorption. Treatment is otherwise symptomatic and supportive.

For Emergency Assistance Call (800)331-3148

**PRECAUTIONARY STATEMENTS**

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

**WARNING**

May be fatal if swallowed. Harmful if inhaled, or absorbed through the skin. Avoid contact with skin, eyes and clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

**Environmental Hazards**

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on this label. Care should be used when spraying to avoid fish and reptile pets.

**Physical or Chemical Hazards**

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

SHAKE WELL BEFORE USE

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

**Pesticide Storage**

Do not store below 40°F. Keep out of reach of children. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

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: 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.

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Revised per EPA letter 3/23/93

#### **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 of the nearest EPA Regional Office for guidance.

#### **Container Disposal**

**Metal Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Glass Containers:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Returnable/Refillable Sealed Container:** Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return to point of purchase or to FMC's authorized location.

#### **GENERAL INSTRUCTIONS**

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport.

Cynoff 2.5 EW insecticide is to be diluted with water for spray application. Do not use strainers finer than 50 mesh size. Fill sprayer with 1/2 of the desired volume of water, add Cynoff 2.5 EW, and fill to desired volume. Close and shake before use in order to insure proper emulsification. Shake or re-agitate the sprayer before use if spraying is interrupted. Mix only the amount of emulsion needed for the application; repeat treatments as necessary.

Pests	Concentration of Active Ingredient	Dilution Rate	
Ants	Elm Leaf Beetle	.1%	7/16 fl. oz. of
Biting Flies*	Firebrats		Cynoff 2.5 EW per 1
Boxelder Bugs	Fleas*		gallon of water
Centipedes	Flies*		
Chiggers*	Millipedes		
Cockroaches	Mosquitos*		
(maintenance)	Pillbugs		
Crickets	Silverfish		
Earwigs	Sowbugs		
Bees		.2%	7/8 fl. oz. of
Cockroaches			Cynoff 2.5 EW per 1
(Clean-out)			gallon of water
Spiders			
Ticks			
Wasps			

\* Outdoor use only.

1 fl. oz. = 29.6 ml = 6 teaspoons = 2 tablespoons

**Cockroaches, Crickets, Firebrats, Silverfish, Spiders and Ticks:** Apply as a coarse, low pressure spray to areas where these pests hide, such as baseboards, corners, storage areas, closets, around water pipes,

doors and windows, attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices; also see OUTDOOR USE.

**Ants:** Apply to any trails, around doors and windows and other places where ants may be found. Refer to BARRIER TREATMENT directions to prevent infestation; also see OUTDOOR USE.

**Bees and Wasps:** Application to nests should be made late in the evening when insects are at rest. Thoroughly spray nest and entrance and surrounding areas where insects alight; also see OUTDOOR USE.

**Boxelder Bugs, Centipedes, Earwigs, Elm Leaf Beetles, Millipedes, Pillbugs and Sowbugs:** Apply around doors and windows and other places where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations. Refer to BARRIER TREATMENT directions to prevent infestation; also see OUTDOOR USE.

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

**Non-Food/Feed Areas:** Permitted areas of use include industrial buildings, houses, apartment buildings, laboratories, buses, greenhouses, and the nonfood/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft, schools, nursing homes, hospitals, restaurants, hotels, food manufacturing, processing and servicing establishments, garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets, and storage (after canning or bottling). Cynoff 2.5 EW insecticide may be used as a general spot, crack and crevice treatment in non-food areas. All areas where insects hide or through which insects may enter should be treated.

**Food/Feed Areas:** Cynoff 2.5 EW is not labeled for use in food/feed areas. Do not use in any area where food or feed is stored, prepared or consumed. Do not use in food/feed areas of food/feed processing plants, 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.

#### **OUTDOOR USE**

For control of ants, bees, biting flies, boxelder bugs, centipedes, chiggers, cockroaches, crickets, earwigs, elm leaf beetles, firebrats, fleas, flies, millipedes, mosquitoes, pillbugs, silverfish, sowbugs, spiders, ticks, and wasps. Apply as a residual spray either by hand or power sprayer to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns, refuse dumps, garages and other areas where pests are found.

**Barrier Treatments:** To help prevent infestation of buildings, apply to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Apply as a course spray to thoroughly and uniformly wet the band area, using 1 gallon of spray mix per 400 square feet.

**Note:** Do not use water base sprays of Cynoff 2.5 EW Insecticide in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

Do not apply this product to edible crops.

Let surfaces dry before allowing children and pets to contact surfaces.

Protect aquariums from spray mist.

Thoroughly wash out sprayer and screen with water and detergent before using Cynoff 2.5 EW insecticide.

Do not use this product with oil.

Do not treat pets with this product.

**Distributors Should Sell in Original Packages Only.**

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

Cynoff and FMC - FMC Trademarks