

PM 17. 279-3046

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 279-3046	DATE OF ISSUANCE JUN 15 1989
	TERM OF ISSUANCE Until July 1, 1992	
	NAME OF PESTICIDE PRODUCT Ammo 2.5 Miscible Insecticide	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

EIC Corporation:
 Agricultural Chemical Group
 2000 Market Street
 Philadelphia, PA 19103

5376-246072
38/11

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 Section 3(c)(7)(B) since you agreed to:

1. Conduct the aquatic mesocosm study through completion and submit a final report of this study in accordance with the attached EPA approved protocol dated June 12, 1989.
2. Have the mesocosms filled with water no later than August 15, 1989.
3. Submit progress reports bimonthly beginning September 1, 1989 through November 1, 1991. The reports must include information on how many samples of each type have been collected, how many have been analyzed and how many remain to be analyzed. While these reports do not need to include raw data, you must upon request be prepared to submit raw data, even if it has not yet been corrected, to document the accuracy of the bimonthly report. Each subsequent report must include the information required in the previous report plus the new information.
4. Submit the final study by December 31, 1991.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL 	DATE 6/15/89
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Códe 3787

RESTRICTED USE PESTICIDE

Net Contents 2/4

For retail sale to, and use only by, Certified Applicators or persons² under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

Ammo[®] 2.5 Miscible Insecticide

EPA Reg. No. 279-3046

EPA Est. No. 279-

Active Ingredient	
* Cypermethrin **	30.6%
Inert Ingredients	69.4%
	100.0%

Contains xylene range aromatic solvents.
 *(±) α-Cyano (3-phenoxyphenyl)methyl (±) *cis/trans* 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane carboxylate
 ***Cis/trans* ratio: Max. 55% (±) *cis* and min. 45% (±) *trans*
 Contains 2.5 pounds cypermethrin per gallon.
 U.S. Patent No. 4,024,163

Not for sale or distribution after December 31, 1988.
 Not for use after December 31, 1989.

**KEEP OUT OF REACH OF CHILDREN
 DANGER**

See other panels for additional precautionary information.

FIRST AID

If swallowed: Do not induce vomiting. Call a physician.
 If on skin: Wash thoroughly with soap and water.
 If in eyes: Flush eyes only with water. If signs of irritation persist, contact physician.
 If inhaled: Exposure to vapor or dust may cause tingling or numbness exposed areas, especially the face, but this is temporary and requires no treatment. Lung irritation from breathing vapors is possible, and medical attention should be obtained if it is severe.

Note to Physician:
 Like the natural pyrethrins, the synthetic derivative is expected to have relatively minor toxicity in humans; in fact, any significant acute toxic effects are more likely from a carrier hydrocarbon solvent. Consequently, induction of vomiting may increase the likelihood of the most important toxic potential, chemical pneumonia, and so should either be avoided or done only under medical supervision. Ingestion of a large amount calls for gastric lavage, with care (Trendelenburg position, suction available, cuffed endotracheal tube if patient is unconscious) to avoid intrapulmonary aspiration. A saline cathartic (sodium or magnesium sulfate), 15-30 gm. dissolved in water should be given, as should 15-20 gm. activated charcoal as a slurry in water. Digestible fats, oils or alcohol may increase absorption and so should be avoided. Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment.

For Emergency Assistance Call 716-735-3765

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Danger
 Causes irreversible eye damage. May be fatal if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wear goggles or face shield. Harmful if inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.
 Applicators must wear protective clothing. Mixers and loaders must wear a full face shield, impermeable gloves, a rubber apron, boots and protective clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.
 This product is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment, or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

CHEMIGATION USE DIRECTIONS

Apply this product only through sprinkler including center pivot, lateral move, and low, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.
 Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.
 The system must contain a functional check valve, vacuum relief valve, and low pressure drain approximately located on the irrigation pipeline to prevent water source contamination from backflow.
 The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
 The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
 The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
 The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
 Systems must use a metering pump such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
 Do not apply when wind speed favors drift beyond the area intended for treatment.

Ammo[®] 2.5 Miscible insecticide should be applied continuously for the duration of the water application. Ammo 2.5 Miscible should be diluted in sufficient volume to insure accurate application over the area to be treated. When using chemigation, a minimum of 0.5 inch per acre of irrigation water is recommended. Agitation is not required when a suitable diluent is used.



FMC Corporation
 Agricultural Chemical Group
 Philadelphia PA 19103

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

UN 1100

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

279-3046

STORAGE AND DISPOSAL

Pesticide Storage
Do not store below 10°F. (-12°C).

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, 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 collect: (716) 735-3765.

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
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. Do not cut or weld metal containers.

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.

Texas
Beetrop, Burtson, Comal, Harris, Hays, Jeff Davis, Pecos and Reeves
Utah
Utah and Washington
Virginia
Lee, Russell, Scott, Smyth, Tazewell, Washington and Wise

GENERAL INSTRUCTIONS

Re-Entry Statements
Do not treat areas while unprotected humans or domestic animals are present in the treatment area.

Do not allow entry into treated areas without protective clothing until sprays have dried.

State re-entry regulations will apply if they are more restrictive than those stated on this label. Consult with State regulatory officials.

Rotational Crops
Rotational crops may be planted within 30 days after last application.

Use low rate under light to moderate infestation. Higher rates should be used under heavy insect pressure. The rate of application is variable according to insect pressure, timing of spray and field scouting.

CROP	INSECT	DOSAGE		REMARKS
		LB A/A	FL OZ/A	
Cotton	Cutworms	0.025 to 0.1	1.3 to 5	Ammo [®] 2.5 Miscible may be applied in water or refined vegetable oil. If water is used, apply a minimum of one gallon of finished spray per acre by air or five gallons of finished spray with ground equipment. When applying in water by air, one quart of emulsified oil may be substituted for one quart of water in the finished spray. When using oil, use a minimum of one quart per acre in the finished spray.
	Tobacco Thrips Soybean (banded) Thrips			
	Beet Armyworm Fall Armyworm Yellow Striped Armyworm Cotton Bollworm Pink Bollworm Tobacco Budworm Tarnished Plant Bug Lygus Bugs Saltmarsh Caterpillar Cotton Fleahopper Cotton Leaf- perforator Cabbage Looper Boll Weevil Other Plant Bugs White Flies*	0.04 to 0.1		Ammo 2.5 Miscible may be injected into overhead sprinkler irrigation water provided 1) an anti-backflow check valve is present between the injection port and the water source, 2) a check valve is present in the line to prevent irrigation water from entering the chemical supply tank and 3) the irrigation injection system has interlocking on-off switches. For boll weevil control, apply Ammo 2.5 Miscible at a 3 to 4 day interval until pest numbers are reduced to acceptable levels. A maximum of 0.5 lb. active ingredient may be applied per acre per season. Ammo 2.5 Miscible may be applied within 14 days of harvest. Do not graze or feed cotton for forage.

*Aids in control.

Tank-Mixtures
Ammo 2.5 Miscible may be applied in tank mixtures with other products approved for use on cotton. Observe all restrictions and precautions which appear on the labels of these products.

For improved control of aphids and mites, Ammo 2.5 Miscible may be tank-mixed with Curacron[®] 6 E. The tank-mixture is most effective when pest populations are first observed. Subsequent applications may be needed to maintain control.

Dealers 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.

ENDANGERED SPECIES RESTRICTIONS

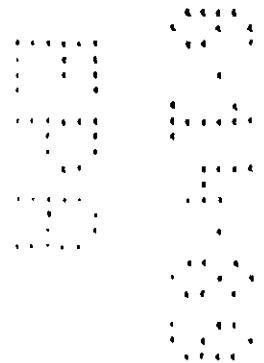
The following restrictions apply to use of this product after February 1, 1988.

Before using this pesticide on cotton in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

- Alabama**
Colbert, Greene, Jackson, Lamar, Lauderdale, Limestone, Madison, Marshall, Morgan, Pickens and Sumter
- Arizona**
Graham, Maricopa, Mohave, Pima, Pinal and Santa Cruz
- Arkansas**
Benton, Clay, Clark, Cross, Lawrence, Lee, Poinsette, Polk, Randolph, Sharp and St. Francis
- California**
Butte, Colusa, Glenn, Imperial, Kern, Merced, Modoc, Riverside, Sacramento, Solano, Sutter, Tehama and Yolo
- Florida**
Broward, Dade, Glades and Palm Beach
- Kentucky**
Ballard, Butler, Edmundson, Green, Hart, Jackson, Laurel, Livingston, Marshall, McCracken, McCreary, Pulaski, Rockcastle, Taylor, Warren and Wayne
- Mississippi**
Calaiborne, Copiah, Hinds, Itawamba, Lowndes, Monroe and Noxubee
- Missouri**
Barry, Benton, Camden, Christian, Dallas, Greene, Hickory, Jasper, Lawrence, Miller, Newton, Osage, Polk, St. Clair, Stone and Webster
- Nevada**
Clark
- New Mexico**
Chevre, DeBaca and Eddy
- North Carolina**
Edgecombe, Nash and Pitt
- Ohio**
Pickaway
- Oklahoma**
Delaware, McCurtain and Pushmataha
- Oregon**
Lake
- Tennessee**
Bedford, Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Hickman, Knox, Lawrence, Lincoln, Loudon, Marshall, Maury, Meigs, Monroe, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan and Wayne

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.



Curacron® is a registered trademark of Ciba-Geigy Corp.

FMC and Ammo®—FMC Trademarks

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