

101-2-105 PM 15 P 1/4

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER 10182-105	DATE OF ISSUANCE MAR - 2 1987
	TERM OF ISSUANCE	
NAME OF PESTICIDE PRODUCT DEMON® 2E Insecticide		

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

ICI Americas, Inc.  
 Agricultural Chemicals Division  
 Concord Pike & New Murphy Road  
 Wilmington, DE 19897

160,178,756  
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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)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

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

- a. Add the phrase "EPA Registration No. 10182-105"
- b. The upper and lower certified limits must be in pure active form.
- c. On the front panel add the following user restriction:  

Only for Sale To, Use, and Storage by  
Pest Control Operators.
- d. Revise the "Environmental Hazards" paragraph similar to that appearing on the DEMON WP label.
- e. Change "DEMON WP" to "DEMON 2E" throughout the labeling.

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL \_\_\_\_\_ DATE 3/10/87

3. Add an asterisk at the end of word "inert ingredient" under the ingredient statement on the label and below indicate "Contains xylene range aromatic solvent."

4. The upper and lower limits on the Confidential Statement of formula should be in pure active form. *None used*;

5. Submit five (5) 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.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS**

**WARNING  
MAY BE HARMFUL IF SWALLOWED.  
MAY CAUSE EYE IRRITATION.**

Causes eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear protective clothing when spraying. Wear protective clothing, impervious gloves, full face shield, rubber apron and boots when handling or mixing concentrate. Avoid breathing vapors or spray mist. Wash thoroughly after handling. May cause allergic skin reactions.

**STATEMENT OF PRACTICAL TREATMENT:**

**IF SWALLOWED:** Do not induce vomiting. Call a physician immediately.

**FIRST AID:** If swallowed, do not induce vomiting. Call a physician immediately. In case of contact with eyes, immediately flush eyes with plenty of water for at least 15 minutes. If necessary see a physician. In case of contact with skin, immediately remove contaminated clothing and flush skin with water.

**NOTE TO PHYSICIAN:** Inducing vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision.

For 24-hour emergency assistance, call ICI AMERICAS INC., 302/879-3000.

**ENVIRONMENTAL HAZARDS:** This pesticide is extremely toxic to fish. Use with care when applying in areas adjacent to any body of water. Keep out of lakes, streams, ponds, tidal marshes or estuaries. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on open or weeds. Do not apply DEMON 2E or allow it to drift to crops or weeds on which bees are actively foraging. Additional information may be obtained from your Cooperative Extension Service. Apply this product only as specified on this label.

In case of a significant spill, call CHEMTREC, 800/424-9300.

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use if others near head if open. Store.

**STORAGE AND DISPOSAL**

**PACKAGING:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**STORAGE:** Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or residue 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 after 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 after 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. **Blue Containers: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures.**

**NOTICE TO BUYER AND USER:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of the product contrary to label instructions or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller and Buyer and User assumes the risk of any such use. **SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.**



**ACTIVE INGREDIENT:**

Cypermethrin

(±)-α-cyano-3-phenylphenyl methyl (±)-cis-trans-3-(2,2-dichloroethoxy)-2,2-dimethyl cyclopropanecarboxylate

**INERT INGREDIENTS**

TOTAL

\*Cis/trans ratio: 45/55 ± 10

DEMON 2E contains 2 pounds active ingredient per gallon.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

MAR - 2 1987

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

10182-105

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See Side P  
Precaution  
Statement

Net Contents

Batch No.:

EPA Establish  
EPA Reg. No.  
U.S. Patent



## DIRECTIONS FOR USE

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

For residual 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, stores, warehouses, industrial buildings, houses, apartment buildings, greenhouse laboratories, and on vessels, rail cars, buses, trucks, trailers and aircraft. Also may be used in nonfood areas of schools, nursing homes, hospitals, restaurants, hotels and for manufacturing, processing and servicing establishments.

**DEMON** insecticide is intended for dilution with water for spray application. Do not use strainers finer than 50 mesh size. Fill sprayer with the desired volume of water and add **DEMON** insecticide. Close and shake before use in order to insure proper suspension of the wettable powder. Shake or reagituate sprayer before use if spraying is interrupted. Mix up only as required, repeat treatments when needed.

Pests	Concentration of Active Ingredient	Dilution Rate
Ants Centipedes Cockroaches (Maintenance) Crickets Firebrats	Flies Millipedes Pillbugs Silverfish Sowbugs	1 <del>tbl</del> per 1 gal water
Bees Cockroaches (Clean-out) Spiders Wasps	2%	2 <del>tbl</del> per 1 gal water

**Cockroaches, Spiders, Crickets, Silverfish and Firebrats:** 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. Apply barrier treatments to prevent infestation as described below, also see **OUTDOOR USE**.

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

**Sowbugs, Pillbugs, Millipedes and Centipedes:** 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. Apply barrier treatments to prevent infestation as described below, also see **OUTDOOR USE**.

**Flies:** Apply directly to walls, ceilings, window screens and other fly resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds, also see **OUTDOOR USE**.

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

**Nonfood Areas:** **DEMON** insecticide may be used as a general spot or crack and crevice treatment in nonfood areas. All areas where insects hide or through which insects may enter should be treated.

**Food Areas:** **DEMON** is not labeled for use in food areas. Do not use in any area where food or feed is stored, prepared or consumed. Do not use in edible product areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed.

**Outdoor Use:** For control of ants, bees, centipedes, cockroaches, crickets, firebrats, millipedes, silverfish, sowbugs, pillbugs, spiders, flies and wasps. Apply as a residual spray to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns, refuse dumps, garages in either hand or power sprayer and in other areas where these 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 coarse spray to thoroughly and uniformly wet the band area, using 1 gallon of spray mix per 400 square feet.

Do not apply this product to edible crops.

**Caution:** Do not use water base sprays of **DEMON** in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard. Let surfaces dry before allowing children and pets to contact surfaces. Protect aquariums from