

345 | 5420956
300 | 5422574
17 | 17-16

JUL 30 1992

Mr. S. K. Theodorakis
ICI Agricultural Products
Wilmington, DE 19897

Dear Mr. Theodorakis:

Subject: Revised Confidential Statement of Formula and Labeling
✓ Demon EC Insecticide
EPA Registration No. 10182-105
Demon WP Insecticide in Water Soluble Packets
EPA Registration No. 10182-100
Demon WP Insecticide
EPA Registration No. 10182-71
Your Submissions Dated April 30 and July 10, 1992

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act sec. 3(c)(7)(A), is acceptable provided that you :

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Submit five copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

We note that the subject amendments are resubmissions for your applications dated October 30, 1991 which according to our computer tracking system were not received by PM Team 13.

The alternate CSF dated April 30, 1992 for Demon EC has been reviewed and is acceptable. We have no objection to the alternate sources of emulsifiers.

Sincerely,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Helvert 7-30-92

Front Panel

DEMON® EC Insecticide

Crack and Crevice and Spot Spray for Cockroach Control. Only for Sale to, Use and Storage by Professional Pest Control Operators.

ACTIVE INGREDIENT:

Cypermethrin: (±)α-cyano-(3-phenoxyphenyl)methyl(±)- <u>cis,trans</u> -3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*	25.3%
INERT INGREDIENTS	<u>74.7%</u>
TOTAL	100.0%

*Cis/trans ratio: 45/55 ± 10

DEMON® EC contains 2 pounds active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

See Additional Precautionary Statements and Statement of Practical Treatment on next page.

EPA Est. No.
EPA Reg. No. 10182-105
U.S. Patent No. 4,024,163

Net Contents: 1 Pint

Made in U.S.A. by
ICI Professional Products
ICI Americas Inc.
Wilmington, DE 19897

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 30 1992

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

10182-105

3 7 U

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or poison control center immediately.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if necessary.

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 MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-M-E-D (327-8633).

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

MAY BE FATAL IF SWALLOWED. CAUSES EYE AND SKIN IRRITATION. HARMFUL IF ABSORBED THROUGH SKIN. MAY CAUSE ALLERGIC SKIN REACTIONS.

Do not get in eyes, on skin or on clothing.

Wear protective clothing when spraying.

Wear protective clothing, impermeable gloves and full face shield or goggles when handling or mixing concentrate.

Avoid breathing vapors or spray mist.

Wash thoroughly with soap and water after handling.

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. 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 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.

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include industrial buildings, houses, apartment buildings, laboratories, buses, greenhouses and the nonfood/food areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft, schools, nursing homes, hospitals (non-patient areas), restaurants, hotels, and food manufacturing, processing and servicing establishments.

DEMON EC insecticide is intended for dilution with water for spray application.

Fill sprayer with the desired volume of water and add DEMON EC insecticide. Close and shake before use in order to insure proper mixing. Shake or reagitae sprayer before use if spraying is interrupted. Make up only as required; repeat treatments when needed.

Pests	Concentration of Active Ingredient	Dilution Rate
Ants Boxelder Bugs Centipedes Chiggers** Cockroaches (Maintenance) Crickets Earwhigs Elm Leaf Beetle Firebrats Fleas** Flies* Millipedes Mosquitoes** Pillbugs Silverfish Sowbugs	.1%	1/2 fl. oz. (1 tbsp.) per 1 gal. water
Bees Cockroaches (Clean-out) Scorpions Spiders Ticks Wasps Wood Infesting Beetles	.2%	1 fl. oz. (2 tbsp.) per 1 gal. water

* Not for indoor use in California for fly control.

** Outdoor use only.

COCKROACHES, SPIDERS, CRICKETS, SCORPIONS, SILVERFISH, TICKS 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 similar areas where ants may be found. Refer to barrier treatment directions to prevent infestation; 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**.

BOXELDER BUGS, SOWBUGS, PILLBUGS, MILLIPEDES, ~~ELM LEAF BEETLE~~ AND CENTIPEDES:

Apply around doors and windows and similar areas 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**.

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**.

SCORPIONS:

Treat and remove accumulations of lumber, firewood, and other materials which serve as harborage sites. Apply as a coarse spray to the point of drip; also see **OUTDOOR USE**.

CONTROL OF WOOD INFESTING BEETLES:

To control wood infesting insects such as powderpost beetle (*Lycidae*), false powderpost beetles (*Bostrichidae*), deathwatch beetles (*Anobiidae*), old house borers (*Cerambycidae*) and ambrosia beetles (*Scolytidae*) in homes and other structures, apply as an emulsion containing 0.2% DEMON EC. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large or overhead areas, apply as a coarse spray to the point of runoff. When spraying overhead interior areas of homes, apartment buildings, etc. spray to the point of runoff, cover all surfaces below the area being sprayed with plastic sheeting or other material which could be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should be avoided until spray has totally dried. Do not use in structures occupied by animals to be used for food purposes or which produce products for human consumption.

FOOD HANDLING ESTABLISHMENTS:

Places other than private residences in which food is held, processed, prepared or served:

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

Examples of nonfood areas include 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).

7 of 11

Food Areas: DEMON EC is not labeled for use in food areas. Do not use in food areas of food handling establishments, restaurants or other areas where food 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 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 should be covered or removed.

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.

OUTDOOR USE:

For control of ants, bees, centipedes, cockroaches, crickets, ~~termites~~, ~~wasps~~, millipedes, mosquitoes, scorpions, sowbugs, pillbugs, spiders, ~~ticks~~, flies and wasps. Apply as a residual spray to surfaces of buildings, porches, screens, window frames, eaves, patios, lawns, refuse dumps, garages by either hand or power sprayer and in similar areas where these pests are found.

BARRIER TREATMENT (except cockroaches):

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.

TREATMENT OF PRECONSTRUCTION LUMBER AND LOGS

To protect unseasoned lumber and logs from wood destroying insects, such as Termites, Carpenter Ants and Beetles (Ambrosia, Powder-post, Old house borers and others), totally treat wood with a 0.25% to 0.5% solution of DEMON EC. This solution can be applied by various methods including spraying, brushing, dipping, and pressure treatment. Frequent monitoring of dip and pressure systems are necessary to insure that the desired level of DEMON EC is maintained. Wood can be handled after treatment when dry.

1. For dip treatments, the wood should be totally submerged in the solution until thoroughly wet and then allowed to dry in a suitable location. Dipping solutions to which DEMON EC has been added should be agitated before use if left unused for long periods of time. Sediment, debris and other deposits should be periodically cleaned from the tank.
2. For pressure treatments, the wood should be placed in the treatment chamber, the DEMON EC solution added and the system pressurized up to 250 psi for up to one hour depending on the density and type of wood treated. After the pressure is released and the system drained, the wood should be placed in a suitable location for drying.
3. For spray treatments, the wood should be sprayed thoroughly including back and ends.
4. For brush treatments, all parts of wood surfaces should be thoroughly treated.

NOTE: Do not use water base sprays of DEMON EC 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 spray mist. Thoroughly wash out sprayer and screen with water and detergent before using DEMON EC insecticide. Do not use this product with oil.

Do not apply this product to edible crops.

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

Do not use as a space spray.

Use only in well ventilated areas.

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.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping 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 acutely hazardous. 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 approved state and local procedures.

11911

IMPORTANT: Read the Entire Directions for Use and the Conditions of Sale and Warranty before using this product.

CONDITIONS OF SALE AND LIMITED WARRANTY:

The Directions for Use of this product are believed to be reliable and should be followed carefully. However, 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 timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended or other influencing factors in the use of the product, all of which are beyond the control of the seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold 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 label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.

When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER and the LIMIT OF LIABILITY of Seller will be, at the election of Seller, refund of the purchase price paid for product bought, or replacement of amount of product used. 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.

DEMON® EC is a trademark of an ICI Group Company.

DEM105C.RSF