

MAR 16 1989

# Insecticide

For control of cockroaches, ants, silverfish, brown dog ticks, fleas, pantry and other household pests listed on side panel of label.

Recommended for commercial/ industrial use only.

Active Ingredient:  
Diazinon: O, O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate..... 23.8%

Inert Ingredients: 76.2%

Total: 100.0%

Contains 2 lbs. of diazinon per gallon.  
Contains xylene range aromatic solvent.

KEEP OUT OF REACH OF CHILDREN.

**DANGER**

See additional precautionary statements at end of label.

EPA Reg. No. 100-649 / EPA Est. 100-AL-1

Control No. **53860**

**Gallons**  
U. S. Standard Measure

#### DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

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

#### Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. **CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** CIBA-GEIGY and the Seller offer this product and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

#### General Information

D-2-n 20 M E C is a macroemulsion concentrate.

This product is intended for use by pest control operators and for the control of those pests specified on this label.

**Precautions:** (1) Care should be taken to avoid spotting of walls, wall coverings and fabrics. (2) When used in dwellings, care should be taken to avoid deposits which could be frequently contacted by children. (3) Remove or cover fish bowls and remove pets before spraying. (4) Do not allow children or pets in treated areas until surfaces are dry. (5) Do not contaminate food, food containers, or cooking utensils. (6) Avoid excessive application to carpets. (7) Do not use on plants or pets. (8) DO NOT use this product in conduits, motor housings or electrical switch boxes. (9) Do not use as a space spray.

**Note:** When quicker knockdown or flushing action is desirable, pyrethrins may be added to the D-2-n 20 M E C finished spray mixture. Normally pyrethrins are used as a 0.25% concentration. Consult the EPA-registered label for the pyrethrin product used to determine the correct amount needed. Observe all use and handling precautions on the pyrethrin label.

#### DIRECTIONS FOR USE

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

Dilute D-2-n 20 M E C with water to make a 1/2% or 1% spray and apply as indicated in the following table.

Gals. of Finished Spray	Amount of D-2-n 20 M E C. to use for	
	1/2% Spray	1% Spray
1	2 1/2 fl. oz.	5 fl. oz.
2	5 fl. oz.	10 fl. oz.
3	7 1/2 fl. oz.	15 fl. oz.
10	25 fl. oz.	50 fl. oz.
25	64 fl. oz. (2 qt.)	128 fl. oz. (1 gal.)

\* 5 tablespoons = 2 1/2 fl. oz.

#### HOUSEHOLD PESTS

**Cockroaches (Wet traps), Ants, Silverfish:** Make spot applications of 1/2% coarse spray to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, and similar areas where these insects are seen.

For heavy cockroach infestations, make the first application at a strength of 1% followed by monthly applications of 1/2% 1% spray.

**Carpet beetles:** Apply a 1/2% spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture in closets and on shelves and wherever these insects are seen or suspected.

**Spiders and Scorpions:** Apply a 1/2% spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

**Pantry Pests - Exposed Stages (Sourbeetle, grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, Indian meal moth):** Apply a 1/2% spray to shelves and cupboards where food containers suspected of being infested are stored. Remove all food and shelving paper before spraying. Do not replace the food packages until spray has dried. Cover shelves with shelving paper. This treatment is supplemental to good housekeeping, since it will have no effect on insects breeding within food packages. Infested food packages should be destroyed.

**Brown dog ticks, Fleas\*:** Make thorough application of a 1/2% 1% spray to infested areas around baseboards, window and door frames, wall cracks, sleeping quarters of household pets, and localized areas of floors and floor coverings. Fresh bedding should be placed in animal quarters following treatment. Do not treat animals with this product. Avoid excessive wetting of floor coverings, rugs, or unfinished materials, because damage may occur. Do not apply directly to upholstery. Do not use as an overall surface spray.

\* Controls adult fleas on areas treated.

**Feed and Feed Handling Establishments (including places other than private residences in which exposed food or feed is held, processed, prepared or served.)**

Apply D-2-n 20 M E C as either a crack and crevice or spot treatment as directed below. Do not apply to areas, surfaces, or utensils which will come in contact with food. Take extreme care to avoid contaminating food or food contact surfaces or introducing the material into the air.

**Food/Feed Areas (Applications Limited to Crack and Crevice and Spot-Treatments Only)**

Food/Feed areas include areas for receiving, storage, packing, canning, bottling, wrapping, baling, preparing, edible waste storage, and enclosed processing systems (mills, flours, edible oils, syrups). Serving areas (when food is prepared and facility is in operation are considered a food area) and includes facilities where prepared feeds are served, such as dining rooms, but excluding areas where feeds may be prepared or held.

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equipment or construction, between equipment and pipes, between baseboards or openings leading to voids and hollow spaces in walls, hollow equipment legs and bases where cockroaches (waterbugs), ants, spiders, and silver fish hide.

**Spot Treatment** - As a spot treatment, apply 1/2% - 1% as a coarse, low pressure fan spray to selective floor surfaces, areas around water pipes, beneath cabinets, refrigerators, sinks, stoves, storage areas, baseboards, under elements of constructions and similar areas where cockroaches, ants, spiders, and silverfish hide.

Limit spot treatments to floor surfaces where pests have been seen or where they are suspected of hiding. Limit spot treatments to an area no larger than 20 percent of the floor surface. Any individual spot treatment shall not exceed two square feet.

Avoid treating surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed).

These treatments also aid in the control of pantry pests (exposed stages of saw-toothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces. DO NOT use this product in conduits, motor housings, and electrical switch boxes. Repeat application as necessary.

**Applications of this product in the food/food areas of food or food handling establishments other than as crack and crevice and spot treatments are not permitted.**

#### **Nonfood/Nonfeed Areas**

Nonfood/Nonfeed 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).

In nonfood/nonfeed areas, apply 1/2% - 1% as a spot treatment using a coarse, low pressure fan spray to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets, and similar areas where insects hide or through which they may enter.

#### **OUTDOOR PESTS**

##### **Foundation Band Treatment**

To control ants, boxelder bugs, brown dog ticks, chiggers, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, sowbugs, spiders, and collembola (springtails) which are commonly found near the house and may enter the house, make a thorough application of a 1/2% or 1% spray. Apply to a 5 ft. band of soil around the house, including the 2-hour foundation wall to a height of 2-3 ft. Repeat application as necessary.

**Note:** Do not spray lawns, desirable plants, or shrubbery because plant injury may occur.

## **Storage and Disposal**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

**Pesticide:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of federal law. If excess pesticide, spray mixture, or rinseate cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

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

(Plastic) - Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or incinerate, or burn if allowed by state and local authorities. Stay out of smoke from burning container.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup and disposal of wastes.

In the event of a major spill or accident, contact CIBA-GEIGY for assistance at (919) 292-7100 day or night.

### **DANGER**

**Corrosive:** Causes irreversible eye damage. Harmful if swallowed, inhaled, or absorbed through skin. Wear goggles or face shield when handling and mixing. Do not get in eyes or on skin or clothing. Avoid breathing of vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or smoking. Remove contaminated clothing and wash before reuse.

Animal studies have indicated the product to be contact allergenic. Hypersensitive individuals should avoid exposure. Avoid contamination of food and feeds. Do not use on humans, household pets or livestock. Keep away from children and domestic animals. Remove pets from area and cover fish bowls before spraying. Keep children and pets off treated areas until areas are dry.

#### **Statement of Practical Treatment**

**If in eyes:** Immediately flush eyes with plenty of water. Get medical attention promptly.

**If swallowed:** Contact a physician or Poison Control Center. DO NOT INDUCE VOMITING as vomiting may present aspiration hazard. Drink 1 or 2 glasses of water and get medical help. If no other treatment is available, induce vomiting only under medical supervision. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

**If on skin:** Wash with plenty of soap and water. If irritation develops or persists, get medical attention.

**If inhaled:** Move to fresh air and apply artificial respiration if indicated.

**Note to Physician:** This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal but only in conjunction with atropine. Do not induce emesis as xylene range aromatic solvent presents an aspiration hazard. Gastric lavage is indicated if product was taken internally. After lavage, install and leave 30 gm of activated charcoal in 3-4 oz of water in the stomach.

#### **Environmental Hazards**

The product is toxic to fish and wildlife. Do not apply directly to water. 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.

D-2-n\* trademark of CIBA-GEIGY for diazinon

M.E.C.\* trademark of CIBA-GEIGY

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