

103-15...

DEC - 5 1988

Ms. Carolyn Bussey  
Ciba-Geigy Corporation  
P.O. Box 18300  
Greensboro, NC 27419

Subject: Amendment - Revise ingredient declaration  
D-z-n diazinon 1% ME  
EPA Reg. No. 100-647  
Your submission dated November 14, 1988

Dear Ms. Bussey:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided the following revisions are made prior to release for shipment:

1) The active ingredient should be declared as follows:

Diazinon (O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate)

2) Add "Recommended for commercial/industrial use only" to the top of the front panel, since this product is labeled for use in food areas of food/feed handling establishments. This is not a homeowner use pattern. Alternatively, you may elect to delete the directions for use in food areas of food/feed handling establishments. Also, is the ready-to-use container capable of delivering the required pin stream, by nozzle selection or use of an attached injection tube, for crack and crevice application. No mention is made of an injection tube with the container. Is one provided?

3) Replace "Nonfood/feed" with "Nonfood/nonfeed" in the heading and text relating to use in nonfood/nonfeed areas of food and feed handling establishments.

4) In the "House Foundation Treatment" directions, revise the last sentence to read: "Do not spray lawns, desirable plants, or shrubbery because injury may occur."

- 5) In the "Hazards to Humans and Domestic Animals" add: "Remove pets from area, and cover fish bowls before spraying." after "Remove and wash contaminated clothing before reuse."
- 6) Delete "Repeat until vomit fluid is clear" from the "If swallowed" advice in the "Statement of Practical Treatment", if, as implied by your current text, the solvent presents an aspiration hazard, since repeating the vomiting procedure could potentially increase that risk. Also, revise the last sentence of this same section to read: "Do not induce vomiting or give anything by mouth if person is unconscious or convulsing."
- 7) Revise the "Note to Physician" text to read as follows:

This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. The solvent in this product may present an aspiration hazard. Gastric lavage may be indicated if product was taken internally.

A stamped copy of the label is enclosed for your records. Please submit five (5) copies of the revised amended label prior to release for shipment.

Sincerely yours,

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

CIBA-GEIGY

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

DEC - 5 1988

D·z·n® diazinon 1% ME

Insecticide

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
for the purpose of  
Registration EPA Reg. No.  
100-647

For use in and around the home and in food  
and nonfood areas of food and feed handling  
establishments.

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

Ready-to-Use Microemulsion Formula in a Ready-to-Use Container

Active Ingredient:

Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl- 4-pyrimidin-yl) phosphorothioate .....	1.0%
Inert Ingredients: .....	99.0%
<u>Total:</u>	<u>100.0%</u>

\_\_\_\_\_ Gallons  
U. S. Standard Measure

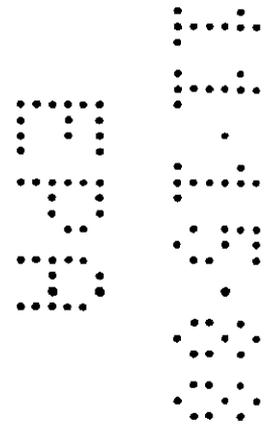
KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements  
on back panel.

Control No. \_\_\_\_\_

See directions for use on panel at right.



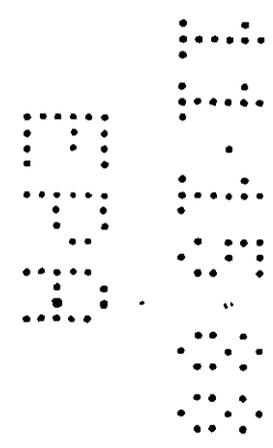
DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

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.



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General Information

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This product is a ready-to-use microemulsion product containing diazinon and is packaged in this ready-to-use container. Hold container upright and spray into cracks, crevices, and other surface areas as specified in label directions.

There is no need for further dilution. This product is intended for use in buildings, offices, restaurants, households and other similar areas and outdoors as a spot treatment to house foundation walls and around doors and windows for the control of those pests specified on this label.

Precautions: 1) Care should be taken to avoid spotting of walls, or 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 use as a space spray. 6) Do not spray on pets or plants. 7 Do not contaminate food, food containers, or cooking utensils. 8) Avoid excessive application to carpets. 9) DO NOT use this product in conduits, motor housings, or electrical switch boxes.

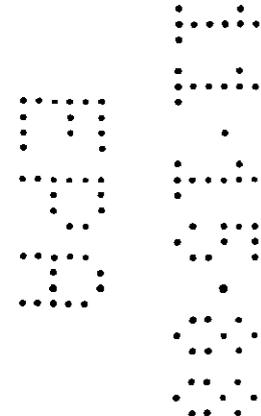
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Directions for Use

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

Cockroaches (Waterbugs), Ants, Silverfish: Make spot applications to baseboards, areas around water pipes, cracks and crevices, surfaces behind and beneath cabinets, refrigerators, sinks, stoves, and similar areas where these insects hide. Spray areas until wet. Repeat application as necessary to maintain control.



Carpet beetles: Spray in spot applications along baseboards and edges of carpeting, under carpeting and rugs and furniture, in closets and on shelving, and wherever these insects are seen or suspected. Avoid excessive wetting of carpets.

Spiders and Scorpions: Spray around windows, doors, and along baseboards. Make spot applications to other areas over which these pests may crawl.

Pantry Pests--Exposed Stages (Sawtoothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, Indian meal moth): Spray on shelves and in 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\*: Apply thoroughly 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. Repeat as necessary. Avoid excessive wetting of floor coverings, rugs or unfinished material, since damage may occur. Do not apply directly to upholstery. Do not use as an overall space spray.

\*Controls adult fleas on areas treated.

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

( Spray either as 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 contamination of food or food contact surfaces and to avoid or introducing the material into the air.

Food/Feed Areas of Food and Feed Handling Establishments (Application limited to Crack and Crevice and Spot Treatments Only)

Food/Feed areas include 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 are considered a food area) and includes



facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

Crack and Crevice Treatment - As a crack and crevice treatment, spray a pin stream in small amounts directly into such spaces as expansion joints, in points between different elements of construction, between equipment and floors, wall boards, baseboards or openings leading to voids and hollow spaces in walls, hollow equipment legs and bases where cockroaches (waterbugs), ants, spiders, and silverfish hide.

Spot Treatment - As a spot treatment, spray on selective floor surfaces, in 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).

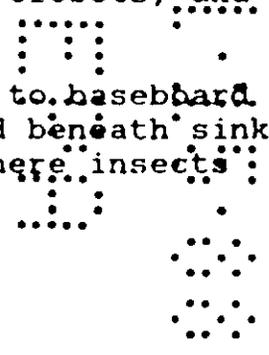
These treatments also aid in the control of pantry pests (exposed stages of saw-toothed grain beetle, flour beetle, rice weevil, cigarette beetle, drugstore beetle, and Indian meal moth) which come into contact with treated surfaces. DO NOT use this product in conduits, motor housings, and electrical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

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

Nonfood/Feed Areas of Food and Feed Handling Establishments

Nonfood/Feed 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/feed areas, apply as a spot treatment to baseboard areas, around water pipes, on surfaces behind and beneath sinks, lockers, tables, pallets, and on similar areas where insects hide or through which they may enter.



### House Foundation Treatment

This product will 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. Apply as a spot treatment to house foundation walls, around doors and windows and to other areas of the house exterior where these pests are likely to enter. Repeat application as necessary. Do not spray desirable plants or shrubbery because injury may occur.

### Storage and Disposal

Keep from freezing. Store above 32°F. Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty container. Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling and before eating or smoking. Remove and wash contaminated clothing before reuse. Keep children and pets off treated areas until the areas are dry. Animal studies have indicated this product to be contact allergenic. Hypersensitive individuals should avoid overexposure.

#### Statement of Practical Treatment

If swallowed, call a physician or Poison Control Center, immediately. Give milk or water. Do not induce vomiting unless no other treatment is available, and then preferably under medical supervision. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until vomiting is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled, remove victim to fresh air and apply artificial respiration if indicated.

Continued .....

If on skin, wash promptly with soap and water. Rinse thoroughly.

If in eyes, rinse eyes with plenty of water. Get medical attention if irritation develops or persists.

Note to Physician: This product contains a cholinesterase inhibitor. Atropine sulfate and 2-PAM are antidotal only if signs of cholinesterase inhibition are present. Gastric lavage is indicated.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

D·z·n® trademark of CIBA-GEIGY for diazinon

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EPA Reg. No. 100-647  
EPA Est. 100-AL-1

Agricultural Division  
CIBA-GEIGY Corporation  
Greensboro, NC 27419

CGA 1L121E

9/85 - added "brown dog" to ticks page 1 per EPA comments. CGA 1L121B 075.

10/30/85 - revised - added DFU for foundation spray. Accepted 3/86.

5/22/87 - Revised DFU for homeowner app. specified ready-to-use container per EPA comments 3/19/87.

Accepted 1/13/88.

Revised - 9/13/88 changed chem. name & date.

Revised - 11/4/88 changed chem. name back per EPA.