

DEC - 6 1988

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

Subject: Amendment - Revise ingredient declaration
D-z-n diazinon 1/28 EV
EPA Reg. No. 100-685
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 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) In the "Precautions" section of the "General Information", add:
"Do not use as a space spray." as a numbered item.
- 4) Replace "Nonfood/feed" with "Nonfood/nonfeed" in the heading and text relating to use in nonfood/nonfeed areas of food and feed handling establishments.
- 5) In the "House Foundation Treatment" directions, revise the last sentence to read: "Do not spray lawns, desirable plants, or shrubbery because injury may occur."

- 6) In the "Hazards to Humans and Domestic Animals" add as the last sentence of the text: "Remove pets from area, and cover fish bowls before spraying. Keep children and pets off treated areas until the areas are dry."
- 7) Since your current Note to Physician instructs inducing vomiting or use of gastric lavage, it would seem appropriate to add an "If swallowed" advice section to the label in the "Statement of Practical Treatment". The text for such advice will depend upon the toxicity of the material and the amount and nature of the solvent(s) (i.e., if the specific gravity for the formulated product less than 8, then the product may have the potential to pose an aspiration hazard). If an aspiration hazard exists, then either recommend not inducing vomiting, or inducing vomiting only under medical supervision, and do not recommend repeating the process, since that could potentially increase the risk of aspiration. The last sentence of this advice should read: "Do not induce vomiting or give anything by mouth if person is unconscious or convulsing."
- 8) The present "Note to Physician" is not clear as to whether or not this product may present an aspiration hazard. You may choose to revise this section 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.

[Note to registrant: Based upon the product's composition, it may then be appropriate to add the following at the end of the above advice: "The solvent in this product may present (or, presents) an aspiration hazard. Gastric lavage may be (or, is) indicated if product was taken internally." Alternatively, you may choose to offer an aspiration hazard clarification as a first sentence added to your existing text.]

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)

3069

ACCEPTED
with COMMENTS
in EPA Letter Dated:
DEC - 6 1988

CIBA-GEIGY

D·z·n® diazinon 1/2% EW

Insecticide

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-685

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	0.5%
Inert Ingredients:	99.5%
Total:	100.0%

See directions for use on panel at right.

KEEP OUT OF REACH OF CHILDREN

CAUTION

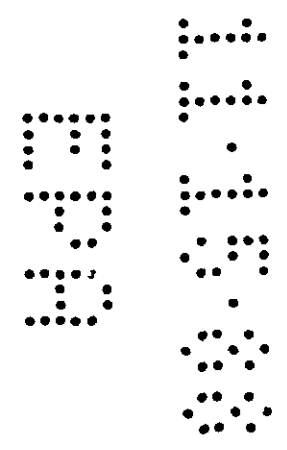
See additional precautionary statements
on back panel.

EPA Reg. No. 100-685

EPA Est. 100-AL-1

_____ Gallons
U. S. Standard Measure

Control No. _____



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·z·n diazinon 1/2% EW is a ready-to-use microemulsion product containing diazinon.

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

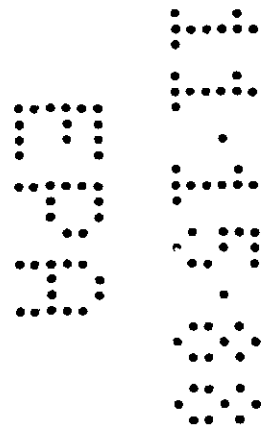
Precautions: 1) Care should be taken to avoid spotting of walls, or wall coverings, and fabrics. 2) When used in dwellings, care should be taken to avoid deposits which could be frequently contacted by children. 3) Remove or cover fish bowls and remove pets before spraying. 4) Do not allow children or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

Directions for Use

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

HOUSEHOLD PESTS

Cockroaches (Waterbugs), Ants, Silverfish: Make spot applications of D·z·n diazinon 1/2% EW 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 D·z·n diazinon 1/2% EW 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 D·z·n diazinon 1/2% EW 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 D·z·n diazinon 1/2% EW 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 D·z·n diazinon 1/2% EW 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, as 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 D·z·n diazinon 1/2% EW 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 introducing the material into the air.

Food/Feed Areas (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 of D·z·n diazinon 1/2% EW 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 D·z·n diazinon 1/2% EW 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/feed areas of food or feed handling establishments other than as crack and crevice and spot treatments are not permitted.

Nonfood/Feed Areas

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, spray D·z·n diazinon 1/2% EW 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.

OUTDOOR PESTS

House Foundation Treatment

D·z·n diazinon 1/2% EW 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 and around doors and windows where these pests are likely to enter. Repeat application as necessary. Do not spray desirable plants and shrubbery because plant injury may occur.

Storage and Disposal

Keep from freezing. Store above 32°F. Do not contaminate water when disposing of equipment wash waters. 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 inhaled or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapors. Wash thoroughly with soap and water after handling. Remove and wash before reuse.

Statement of Practical Treatment

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If inhaled: Remove victim to fresh air.

If on skin: Wash with plenty of soap and water.

Note to Physician

If D·z·n diazinon 1/2% EW is ingested, induce vomiting or lavage stomach. Diazinon is an organophosphate

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ins' ..icide. 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.

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.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

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

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Agricultural Division
CIBA-GEIGY Corporation
Greensboro, NC 27419

CGA 1L133A

July 11, 1988

Revised September 13, 1988
Changed chem. name
Revised November 4, 1988
changed chem. name
back to orig.

(LABELS-D.4 - DZN1/2EW/F1)

