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NOV - 5 1996

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

Dear Ms. Bussey:

Subject: Amendment- Addition of low odor claim and logo and
"water based" logo

D.z.n 5.0 EW

EPA Registration Number 100-687

Your submission dated September 20, 1996

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 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 bearing the amended labeling:
 - a. The "LOW ODOR CIBA DIAZINON" logo may appear on the label in addition to (or in place of) the claim "Low Odor - Contains Ciba Diazinon", which is based upon use of the new process reduced odor diazinon manufacturing-use product, EPA Reg. No. 100-524. The "CIBA DIAZINON WATER BASED" logo may appear on this and any of your other water based diazinon formulations. Me-too registrants of water based products formulated using the new process reduced odor diazinon manufacturing-use product, EPA Reg. No. 100-524, may also add the claim "Low Odor - Contains Ciba Diazinon", with or without the associated logo, as well as the "water based" logo by

Notification. The Agency understands that Ciba will assist these me-too registrants, if necessary, by providing them a copy of Ciba's Agency approved labeling with the claim and logo(s) to accompany their state registration applications, since the me-too registrants' labeling will not have been stamped, in accordance with the Agency's Notification procedures.

- b. Revise the top front panel claim to read "For control of household pests and pests in feed and food handling establishments (except Federally inspected Meat and Poultry Plants) as specified in label directions."
- c. Under the heading **DIRECTIONS FOR USE**, capitalize the "F" of "Federal".
- d. In the first paragraph under the heading **General Information**, revise "(except USDA Meat and Poultry Plants)" to read "(except Federally inspected Meat and Poultry Plants)".
- e. In the **Indoor Use Precautions**, revise item 16 to read: "DO NOT USE THIS PRODUCT IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS".
- f. In the first paragraph under the heading **Indoor Use (Except Food and Feed Handling Establishments)**, add a hyphen separated by spaces between "Use" and "Food" in the referral so that it reads "(see Indoor Use - Food and Feed Handling Establishments section ...)".
- g. In the first paragraph under the heading **Indoor Use - Food and Feed Handling Establishments**, revise the first sentence to read "Places other than private residences in which food or feed is held, processed, prepared, or served (includes restaurants, canneries, bakeries, mills, dairies, and food processing plants except Federally inspected Meat and Poultry Plants).
- h. In the first paragraph under the heading **Food/Feed Areas of Food and Feed Handling Establishments**, revise the first sentence to read: "Includes areas for receiving, storage (dry, cold, frozen, raw), preparing (cleaning, slicing, cooking, grinding), serving (when food is exposed and facility is in operation), packaging (canning, bottling, wrapping, boxing), edible waste storage, and enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

- i. Under the heading **Limited Spot Treatment**, revise the next to last sentence to read: "Limit the sum of individual spot treatments to an area no larger than 20% of the floor surface area."
 - j. In the **Hazards to Humans and Domestic Animals** text, revise the last two sentences to read as follows: "Remove pets from area and remove or cover fish bowls and aquariums before spraying. Do not permit children or pets to go onto treated areas until spray has dried."
 - k. In the **Statement of Practical Treatment**, revise the **If inhaled** advice to read: "Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention."
 - l. In the **Note to Physician**, in the last sentence add a comma between "administered" and "but".
 - m. In the **Environmental Hazards**, revise "Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes)." to read just "Do not apply directly to water."
3. Submit three (3) 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 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.

Sincerely,

George T. LaRocca
 Product Manager 13
 Insecticide/Rodenticide Branch
 Registration Division (7505C)

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ACCEPTED
with COMMENTS
in EPA Letter Dated

D•z•n@ 5.0 EW

Insecticide

NOV - 5 1996

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

Recommended for commercial/industrial use only.

100-687

For control of household pests and pests in feed and food handling establishments as specified in label directions.

Low Odor - Contains Ciba Diazinon

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl
4-pyrimidinyl) phosphorothiate5.0%

Inert Ingredients:95.0%

Total:100.0%

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements at end of label.

EPA Reg. No. 100-687
EPA Est. 100-AL-1

_____ Gallons
U. S. Standard Measure

REC'D EPA/OPP/DPD1
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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. If terms are not acceptable, return the unopened product container at once.

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.

DIRECTIONS FOR USE

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

General Information

D•z•n® 5.0 EW is a microemulsion concentrate intended for use by pest control operators. Apply the product after dilution with water for the control of those pests specified on this label. This product may be used indoors in households, apartments, and other structures including schools, hospitals, office buildings, museums, libraries, sports facilities, stores, warehouses, and food and feed handling establishments (except USDA Meat and Poultry Plants). Read and follow the **Precautions** listed below when applying this product in any of these indoor areas. In food and feed areas of food/feed handling establishments, D•z•n 5.0 EW may be applied **only** as a crack and crevice treatment or limited spot treatment. See the specific directions for use for treatment of these areas.

Indoors this product controls: ants, brown dog ticks, carpet beetles, cockroaches, adult fleas, scorpions, silverfish and spiders.

D•z•n 5.0 EW may also be used outdoors as a house foundation treatment.

Note: Indoors, when quicker knockdown or flushing action is desirable, pyrethrins may be added to the D•z•n 5.0 EW 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.

Mixing Instructions

Dilute D•z•n 5.0 EW 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•z•n 5.0 EW to use for	
	1/2% Spray*	1% Spray
1	13 fl. oz.	26 fl. oz.
2	26 fl. oz.	52 fl. oz.
3	39 fl. oz.	78 fl. oz.
10	130 fl. oz.	260 fl. oz.
25	325 fl. oz.	650 fl. oz.

*32 oz. = 1 qt.

128 oz. = 1 gal.

INDOOR USE

Indoors D•z•n 5.0 EW controls:

- ants
- brown dog ticks
- carpet beetles
- cockroaches (waterbugs)
- adult fleas
- scorpions
- spiders

In households and in food and feed areas of food and feed handling establishments, this product also aids in the control of the following exposed stages of pantry pests which come into contact with treated surfaces:

- drugstore beetle
- cigarette beetle
- flour beetle
- Indian meal moth
- rice weevil
- sawtooth grain beetle

Precautions: (1) Do not use this product indoors as an overall surface spray or as a space spray; take care not to introduce this product into the air during application. (2) Use only in well-ventilated areas. (3) Do not apply where children are likely to frequently contact treated surfaces. (4) Remove or cover fish bowls and remove pets before application. (5) Do not treat pets with this product. (6) Do not allow children or pets in treated areas until spray has dried. (7) Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. (8) Do not apply to classrooms when in use. (9) In institutions including but not limited to office buildings,

museums, libraries, sports facilities, etc.) do not apply this product when occupants are present in the immediate area.

(10) Avoid excessive wetting of carpets, floor coverings, or unfinished materials because damage may occur. (11) Care should be taken to avoid spotting of walls, wall coverings, and fabrics.

(12) Do not apply directly to conduits, motor housings, or electrical switch boxes. (13) Do not apply to areas, surfaces, or utensils which will contact food or feed. (14) Exposed food

should be covered or removed during application. (15) All food processing surfaces and utensils should be covered during application or thoroughly washed with soap and water before use.

(16) DO NOT USE THIS PRODUCT IN USDA MEAT AND POULTRY PLANTS.

(17) Do not treat plants or pets with this product. (18) If clothing is sprayed during application, remove clothing immediately after spraying, wash affected body areas thoroughly with soap and water, and launder clothing before wearing again.

Indoor Use (Except Food and Feed Handling Establishments)

Households, Apartments, and Non-Food Areas of Offices, Schools, Sports Facilities, Hospitals, Libraries, and Museums (see **Indoor Use Food and Feed Handling Establishments** section for special directions when applying this product in food handling or serving areas in non-residential buildings).

Cockroaches (Waterbugs), 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 hide.

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

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.

*Controls adult fleas on areas treated.

Carpet beetles: Apply a 1/2% spray in spot applications along baseboard and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, 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 (Sawtoothed 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.

Indoor Use - Food and Feed Handling Establishments

Places other than private residences in which food or feed is held, processed, prepared, or served (includes restaurants, canneries, bakeries, food processing plants, mills, dairies, etc.). D•z•n 5.0 EW may be used in the food/feed areas and the non-food/non-feed areas of these establishments. Apply D•z•n 5.0 EW either as a spot or crack and crevice treatment as directed below.

Food/Feed Areas of Food/Feed Handling Establishments

Include areas for receiving, serving, storage (dry, cold, frozen, or raw), packaging (canning, bottling, and grinding); enclosed processing systems (mills, dairies, and systems for processing edible oils and syrups).

APPLICATION OF THIS PRODUCT IN THE FOOD/FEED AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT OR LIMITED SPOT TREATMENT IS NOT PERMITTED.

Limited Spot Treatment:

Apply this product diluted to 1/2-1% as a coarse, low-pressure fan spray around water pipes and door frames, to surfaces beneath cabinets, refrigerators, sinks, stoves, storage areas, and similar floor areas. Limit spot treatments to floor surfaces where pests have been seen or are suspected of hiding. Limited individual spot treatment to an area no larger than 20% of the surface area. Any individual spot treatment must not exceed 2 square feet.

Crack and Crevice Treatment:

Apply this product diluted to 1/2-1% with equipment capable of delivering a pin stream of insecticide. Apply in small amounts directly into cracks and crevices in such areas as expansion joints, spaces between equipment and the floor, openings leading to voids, and hollow spaces in walls and equipment legs and bases.

Non-Food/Non-Feed Areas of Food/Feed Handling Establishments

Include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage areas (after canning or bottling).

Spot Treatment:

Apply this product diluted to a 1/2-1% spray. Apply as a coarse low pressure fan spray as a spot treatment along baseboards to areas around water pipes, beneath cabinets, to surfaces behind and beneath sinks, lockers and pallets, and to storage areas where cockroaches, ants, silverfish and spiders hide.

OUTDOOR USE

House 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 house foundation wall to a height of 2-3 ft. Repeat application as necessary.

Precautions: (1) Do not spray lawns, desirable plants, or shrubbery because plant injury may occur. (2) Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

Storage and Disposal

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

Pesticide

Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container

(Metal) - 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) - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary

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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, fire, or other emergency, call 1-800-888-8372 day or night.

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 thorough with soap and water after handling. Remove contaminated clothing and wash before reuse. Remove pets from area, and cover fish bowls before spraying. Keep children and pets off treated areas until the areas are dry.

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_ozen 5.0 EW is ingested, induce vomiting or lavage stomach. Diazinon 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.

Environmental Hazards

This product is highly toxic to birds, fish, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water by disposal of pesticide, cleaning of equipment, or disposal of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment or to residues on blooming plants where they feed. Do not allow this pesticide to drift to blooming weeds, if bees are visiting

the treatment area. Do not apply this product to or allow it to drift to food crops or any desirable vegetation at any time.

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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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, NC 27419

CGA 1L132 (DRAFT)

[GANNONC.LABELD-W]DZN50EW - ccg - 9/20/96

- August 10, 1988
- Revised September 13, 1988 Changed chem. name, added "only" to recommended for statement, added spill statement.
- Revised November 4, 1988 - changed chem. name back to orig. per EPA - Accepted 12/6/88 wi. comm.
- Revised March 15, 1989 - Added "only" to "Recommended for ... ll statement, deleted #'s per gallon statements, added "Do not use as a space spray." Added do not spray lawns ... added spill statement, revised precautionary statements, note to physician, new label code 1L132A 039.
- Revised November 15, 1989 Reg. Std. Changes
- Revised 4/9/90 per EPA acceptance letter of 3/22/90.
- Revised Sept. 18, 1996 - Added "Low Odor ..." claim

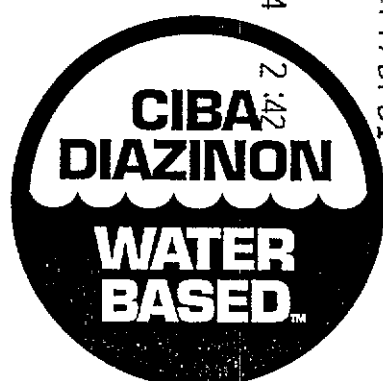
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