

NOV 19 1996

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

Dear Ms. Bussey:

Subject: Amendment- Addition of reduced odor claim
based on new production process
D.z.n diazinon MG 87%
EPA Registration Number 100-524
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. 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.

Me-too registrants repacking this new process reduced odor diazinon manufacturing-use formulation for sale as a manufacturing-use concentrate or as a paint additive may add the claim "Reduced Odor - Contains Ciba Diazinon" by Notification. The Agency understands that Ciba will assist these me-too

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registrants, if necessary, by providing them a copy of Ciba's Agency approved labeling with the claim 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.

Sincerely,

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

3710

D•z•n® diazinon MG 87%

Stabilized 87% diazinon

An Insecticide for Formulating Use Only Into Registered End-Use Insecticides

Reduced Odor

Active Ingredient:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate87.0%

Inert Ingredients:13.0%

Total:100.0%

EPA Est. 100-AL-1

EPA Reg. No. 100-524

Product ID. 07070

55 Gallons

U.S. Standard Measure

KEEP OUT OF REACH OF CHILDREN.

CAUTION

See additional precautionary statements at end of label.

See directions for use on panel at right.

ACCEPTED
WITH COMMENTS
in EPA Letter Dated

NOV 19 1996

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

100-524

96 SEP 24 P 2:33

RECD 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 of 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.

No end use of this product other than formulation is intended or implied by the above Conditions of Sale and Warranty.

DIRECTIONS FOR USE

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

Formulators using this product are responsible for obtaining EPA registration of their formulated products.

This pesticide may be used only for the formulation of end-use insecticide for use:

on the following terrestrial food crops:

almonds, apples, apricots, beans (succulent only) (including seed treatment), beets, blackberries, blueberries, boysenberries, broccoli, Chinese broccoli, Brussels sprouts, cabbage, Chinese cabbage (bok choy and nappa), cantaloupes, carrots, Casaba melons, cauliflower, celery, cherries, cole crops, collards, red chicory (radicchio), corn (including seed treatment), cranberries, Crenshaw melons, cucumbers, dewberries, endive (escarole), eggplant, ginseng, grapes, honeydew melons, hops, kale, lettuce, lima beans (succulent only), loganberries, melons, muskmelons, mustard greens, Chinese mustard, nectarines, onions, parsley, parsnips, peaches, pears, peas (succulent only) (including seed treatment), peppers, Persian melons, pineapples, plums, potatoes, prunes, radishes, Chinese radishes, raspberries, rutabagas, snap beans, spinach, squash, strawberries, sugar beets, sweet potatoes, Swiss chard, tomatoes, turnips (including tops), walnuts, watermelons, and zucchini;

on the following aquatic food crops:

Watercress (Hawaii only)

in terrestrial non-crop areas including:

Uncultivated non-agricultural areas (including barrier strips, ditch banks, noncrop areas, roadsides, and wastelands);

inside:

mushroom houses;

on:

ornamentals (including greenhouse) and lawns (excluding golf courses and sod farms);

inside and outside:

domestic dwellings, commercial buildings, food/feed handling establishments, and animal quarters (excluding dairy barns, milk rooms, and poultry houses);

and on the following animals:

cattle (non-lactating), sheep, cats, and dogs.

This product may be used to formulate end-use granular products for use on vegetables, field crops, and turf only if the labeling for such end-use products include certain directions and precautions to reduce risks to birds. This product may not be used to formulate end-use granular formulations of diazinon unless the labeling for the end-use product includes the following restrictions and directions:

Turf

1. The following precautions must appear in the directions for use:

SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

- a. Do not treat areas larger than 15,000 sq. ft.
- b. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
- c. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
- d. Avoid overlapping treated areas.
- e. Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs.
- f. Do not apply this product to sites occupied by waterfowl or to sites within 75 ft. of any body of water that may attract waterfowl, such as lakes or ponds.
- g. If necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

2. Granular formulations with greater than 5% active ingredient may not be used on turf.
3. The maximum use rate on turf is 4.3 lbs. a.i./acre.
4. For foundation band treatments around house foundations, the band must be no wider than 2 ft. and the use rate no greater than 4.3 lbs. a.i./acre.

Vegetables and Field Crops

1. The following precautions must appear in the directions for use:

SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS

Birds feeding on treated areas may be killed. To reduce risks to birds:

- a. Thoroughly incorporate this product into the soil during or immediately after application. Refer to the soil incorporation depth specified in the directions for use.
- b. Cover or incorporate spilled granules.

2. Aerial and unincorporated application of granules is not permitted.

Chemical and Physical Properties

Refer to: "Technical Bulletin - Diazinon Insecticide". Contact your Ciba Crop Protection Specialty Sales Representative or Ciba Crop Protection in Greensboro, North Carolina for a copy of this document.

Storage and Disposal

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

Pesticide: Pesticide wastes are toxic. Improper disposal is a violation of Federal law. If pesticide or equipment rinsates cannot be used according to formulation instructions or chemically reprocessed, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container: Triple rinse (or equivalent). Then offer for return to manufacturer, or recycle or recondition, or puncture and dispose of in a sanitary landfill or dispose of by other procedures approved by state and local authorities.

Note: 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, call 1-800-888-8372, day or night.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

Precautionary Statements

Hazards to Humans and Domestic Animals

Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

If swallowed: Immediately call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

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

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on skin: Wash promptly with plenty of soap and water. Get medical attention.

Note to Physician: Diazinon is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should be administered only in conjunction with atropine.

Environmental Hazards

This pesticide is highly toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, North Carolina 27419

CGA 1L116(DRAFT)

Accepted December 27, 1988 Added list of supported end-use crops/sites per 1987 Data Call-In. Reformatted Precautionary Statements, i.e., If swallowed ...

Modified list of supported crops per EPA letter of 11/17/88, modified Precautionary Statements

slightly, added a reference to Tech. Bulletin statement, revised ingredient statement back to currently accepted formula

Accepted - 10/20/89 - Reg. Std. Changes and deleted bananas.

Revised 1/30/90 - application to change product name

May 10, 1990 - EPA accepted name change, deleted reference to greenhouse uses, aerial use CGA IL116K 013

January 28, 1993 - revised PR Notice 91-8 & new company name/logo
CGA 1L116K 013 - accepted

5/14/93 - avian restrictions and reregistration-
CGA 1L116L 063

Nov. 8, 1994 - Revised effluent lang. per PR Notice 93-10 and deleted language re: permitted end uses as req'd. by PR-Notice 91-8: Notice was rescinded.

January 12, 1995 - changed "product" to "pesticide" in Env. Hazards

February 5, 1996 - Changed signal word and

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precautionary text per EPA review of 6/18/92

May 29, 1996 - EPA approval with minor comments. CGA 1L116N 066

Revised 9/18/96 - Added "Reduced Odor" claim

QUARK/DZN DIAZINON MG87/STDZMGF3-A - ccg - 9/23/96