

PM-13

Reg # 100-783

491693

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

100-783

MAR 18 1996

Term of Issuance:

Conditional

Name of Pesticide Product:

D.z.n® diazinon  
MG 56.0% WBC

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Add the phrase "EPA Reg. No. 100-783".
  - b. In the animal listing, add a comma between "(non-lactating)" and "sheep".

Signature of Approving Official:

Date:

MAR 18 1996

- c. For both **Turf and Vegetable and Field Crops**, the heading **SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS** and the associated text items should appear within a box outline, to emphasize that this is how these items are supposed to appear on the end-use product labels.
  - d. Under the heading **Chemical and Physical Properties**, there is an opening quotation mark before "Technical" but there is no closing quotation mark. Either delete the opening quotation mark or add the necessary mark (or marks) in this sentence. Are there one or two bulletins? Is one "Diazinon Insecticide" and another "Diazinon Water-Based Concentrate Insecticides"? If there is only one, then revise "Bulletins" to "Bulletin". If there are two, then retain "Bulletins" and add the quotation marks in the correct locations for the bulletin titles. Please submit a copy of this new bulletin (if there is only one) or of both of these bulletins (if there are two) for the Agency's records.
  - e. Based on the Agency's review of the cited toxicology data, this product is in Toxicity Category III for all routes of exposure, therefore, revise the first sentence of the **Hazards to Humans and Domestic Animals** to read "Harmful if swallowed, inhaled, or absorbed through skin.". Also, in the **Statement of Practical Treatment** add "If Inhaled: Remove victim to fresh air. If not breathing, apply artificial respiration, preferably mouth-to-mouth. Get medical attention.".
3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling. Be sure to meet type size requirements for elements of the label with minimum type size requirements.
  4. You have verbally indicated that a one-year storage stability test has been completed for this product and that the final report on this study is in preparation. Within three months, submit the results of a one-year storage stability study for this product in the container to be marketed under normal storage conditions. Storage stability studies for diazinon products are still required because of the regulatory history for this active ingredient. The Agency understands that you will be continuing evaluation of storage stability beyond one year as part of your quality control program.

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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.

Enclosures

4910

D.z.n® diazinon MG 56.0% WBC

Water-Based Concentrate

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

Active Ingredient:

Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate ..... 56.0%

Inert Ingredients: ..... 44.0%

Total: ..... 100.0%

EPA Est. 100-

EPA Reg. No. 100-

Control No.

\_\_\_\_\_ 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

MAR 18 1996

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

100-783

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

**IMPORTANT:** Read the entire Directions for Use and Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

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**Conditions of Sale and Warranty**

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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.

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

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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.

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

This pesticide may be used only for:

1. the formulation or repackaging into end-use insecticides for use:

on the following terrestrial food crops:



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. per 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. per acre.

Vegetables and Field Crops

1. The following precautions must appear in the Directions for Use:

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS

Birds feeding or drinking on treated areas may be killed. To reduce risk 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.

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### Chemical and Physical Properties

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Refer to: "Technical Bulletins - Diazinon Insecticide and Diazinon Water-Based Concentrates Insecticides. Contact your Ciba-Geigy Specialty Sales Representative for a copy of this document.

### **Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal or cleaning of equipment. Open dumping is prohibited. If freezing occurs, place product in a warm room (68°F or above) and roll or shake container frequently until thawing is complete.

**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:**

**Mini bulk** - This is a refillable container which must be returned to an authorized Ciba-Geigy refilling facility for refilling or disposal.

**Bulk** - Thoroughly clean tanker before reusing.

**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, contact Ciba-Geigy for assistance at 1-800-888-8372, day or night.

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## Precautionary Statements

### Hazards to Humans and Domestic Animals

#### CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed.

#### Statement of Practical Treatment

**If swallowed:** Call a physician or Poison Control Center immediately. 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.

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

**If in eyes:** Flush eyes with plenty of water. Get medical attention.

**Note to Physician:** Diazinon is an organophosphate insecticide. If ingested, induce emesis or lavage stomach. 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 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or your Regional Office of the Environmental Protection Agency.

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