

19713-524

5/10/2001

ACCEPTED 1/3

MAY 10 2001

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-524



# Diazinon Technical HG

An Insecticide for Formulating Use Only

**ACTIVE INGREDIENT:**

Diazinon: (O,O-diethyl O-2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate\* ..... 87.0%  
 OTHER INGREDIENTS: ..... 13.0%  
 TOTAL: ..... 100.0%

\*A stabilized Diazinon 8 pounds per gallon oil concentrate.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See FIRST AID Below

EPA Reg. No. 19713-524

EPA Est. No. 11678-IS-01

Net Contents: \_\_\_\_\_

FIRST AID (Organophosphate)	
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> </ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious or convulsing person.</li> </ul>
<p>Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.</p>	
<p><b>NOTE TO PHYSICIAN</b>          Contains an organophosphate that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.</p>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**WARNING:** May be fatal if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Do not breathe vapors or dust. Do not contaminate feed or food. In case of contact, flush eyes with plenty of water. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse. Prolonged exposure may result in cholinesterase depression.

**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 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.

**PHYSICAL HAZARDS**

Do not use or store near heat or open flame.

**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 or manufacturing-use products. Formulators are encouraged to contact Drexel Chemical Company for the Diazinon Technical Bulletin, which contains the chemical and physical data for the technical. This product may ONLY be used in the formulation products that bear labeling allowing only non-agricultural outdoor uses or reformulation into products that only allow non-agricultural outdoor uses.

**1. PRODUCTION, SALES AND PACKAGING LIMITATIONS**

**a. Package sizes**

Formulation of this product into concentrated liquid diazinon product is prohibited unless the formulated product is packaged in quantities not greater than one (1) quart.

**b. Reformulation, Sales and Distribution Dates**

After December 31, 2001, this product may not be reformulated into another product unless the registrant of that formulated product has submitted to the EPA a request that the registration of the reformulated product be voluntarily canceled pursuant to Section 6(f) of FIFRA on a date no later than December 31, 2004 and the registration for that reformulated product has been amended to incorporate the following conditions of registration:



Manufactured For:  
**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

SINCE 1972

- 1) The registrant may not manufacture, label or release for shipment the reformulated product after June 30, 2003.
- 2) The registrant may not sell or distribute reformulated product after August 31, 2003.
- 3) The registration for the reformulated product shall expire and be canceled on December 31, 2004.
- 4) The registrant of the reformulated product will send to every seller who purchases its product a notification of the Product Recovery Program to be conducted by Syngenta Crop Protection, Inc. and Makhteshim Chemical Works, Ltd. after December 31, 2004.
- 5) Unless the label of the reformulated product expressly prohibits reformulation or repackaging of that product, the reformulated product must include on its label all of the restrictions contained in subparagraphs 3(A), 3(B) and 3(C) of Section I of the Memorandum of Agreement Between the Environmental Protection Agency and Syngenta Crop Protection, Inc. and Makhteshim Chemical Works, Ltd. regarding the Registration of Pesticide Products Containing Diazinon.

## 2. PROHIBITED USES

This pesticide **MAY NOT BE USED** for the formulation of manufacturing-use or end-use insecticides for use:

- a. In pet collars or inside any structure or vehicle, vessel or aircraft or any enclosed area and/or on any contents therein, or on any site or crop not specified on this label.

## 3. PERMITTED USES

This pesticide **MAY BE USED** only for the formulation of manufacturing-use or end-use insecticides with Non-Agricultural Product Labels.

### NON-AGRICULTURAL PRODUCT LABELS

- a. For the Following Non-Commercial Crop Uses: Apples, Apricots, Beans (Succulent only), Beets (Red, Table), Blackberries, Blueberries, Boysenberries, Broccoli, Brussels sprouts, Cabbage, Cantaloupes, Carrots, Casaba melons, Cauliflower, Cherries, Chinese Broccoli, Chinese cabbage (Bok choy, Napa), Chinese mustard, Chinese radishes, Cole crops, Collards, Crenshaw melons, Cucumbers, Dewberries, Endive (Escarole), Grapes, Honeydew melons, Kale, Lettuce, Lima beans (Succulent only), Loganberries, Melons, Muskmelons, Mustard greens, Nectarines, Onions, Parsley, Parsnips, Peaches, Pears, Peas (Succulent only), Peppers, Persian melons, Plums, Potatoes, Prunes, Radishes, Red chicory (Radicchio), Raspberries, Rutabagas, Snap beans (Succulent only), Spinach, Squash, Strawberries, Sweet corn, Sweet potatoes, Swiss chard, Tomatoes, Turnips (including tops), Walnuts, Watermelons and Zucchini.
- b. For Home and Garden: Outdoor ornamentals and home lawns (excluding golf courses and sod farms)
- c. For Exterior Surfaces of and Areas Around the Outside of the Home Including: Window and door screens, Window sills, the house foundation, unenclosed porches (but not underneath porches), patios, entranceways, walks, outdoor garbage cans and outdoor garbage can storage areas, tree trunks and into cracks and other places where insects hide.
- d. For Band Treatment: Around the outside of the house next to the foundation.
- e. For use as an additive to paints or stains for application outside on exterior surfaces of homes, and institutional (except schools) and commercial buildings only.

## 4. REQUIRED PRECAUTIONS TO REDUCE RISK TO BIRDS

This product may be used to formulate end-use granular products for use on Vegetables and Lawns 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:

## Lawns

1. The following precautions must appear in the "DIRECTIONS FOR USE" for granular products on lawns:

### SPECIAL PRECAUTIONS TO REDUCE RISKS TO BIRDS

Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed.

- a. Do not treat areas larger than 15,000 square feet
- 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 feet 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 lawns.
3. The maximum use rate on lawns is 4.3 pounds of active ingredient per acre.
4. For foundation band treatments around house foundations, the band must be no wider than 2 feet and the use rate no greater than 4.3 pounds of active ingredient per acre.

## STORAGE AND DISPOSAL

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

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal Law. If these wastes 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 DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or dispose of by other procedures approved by State and Local authorities.

**Note:** In case of minor spills, follow all precautions indicated above and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up and disposal of wastes. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

## WARRANTY—CONDITION OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE express or implied extends to the use of this product contrary to label instruction or under abnormal conditions or under conditions not reasonably foreseeable to Seller and Buyer assumes the risk of any such use. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

# Diazinon Technical

## Insecticide

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Trade Name	Diazinon Technical HG
Chemical Name	(O,O-diethyl O-2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate
Common Name	Diazinon
Nominal Content of Active Ingredient	87.0%
Appearance	Yellowish liquid
Odor	Faint Odor (characteristic)
Melting Point	N/A
Boiling Point	83-84°C at a pressure of 0.0002 mm Hg
Flash Point	> 160°C
Explosivity	Not explosive
Solubility	40 ppm in water
Stability	Stable under normal conditions.
Packaging and Storage	Keep locked up. Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place. Keep away from strong bases. Pack in resin-lined metal drums.

ACCEPTED

MAY 10 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 19713-524