

GOWAN DIAZINON AG TECHNICAL

FOR MANUFACTURING USE ONLY

ACTIVE INGREDIENT:	% BY WT.
Diazinon: (O,O-diethyl O-2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	87.0%
INERT INGREDIENTS:.....	13.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID [ORGANOPHOSPHATE]	
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
IF ON SKIN:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.
IF IN EYES:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious or convulsing person.
HOTLINE NUMBER [ORGANOPHOSPHATE]	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-250-9291 for emergency medical treatment information.	
NOTE TO PHYSICIAN: 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.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & 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 re-use. Prolonged exposure may result in cholinesterase depression.

NET WEIGHT: _____ GALLON(S)

ACCEPTED

JUL 25 2001

EPA Reg. No. 10163-263
EPA Est. No. 11678-IS

Gowan Company
PO Box 5569
Yuma, AZ 85364

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 Gowan Company for the Gowan Diazinon Ag Technical Bulletin, which contains the chemical and physical data for the technical.

This product may only be used to formulate products that bear labeling allowing only agricultural uses or formulation into products that only allow agricultural uses.

1. 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 except mushroom houses or on any site or crop not specified in this label.

2. PERMITTED USES

This pesticide **MAY BE USED** only for the formulation of manufacturing-use or end-use insecticides with:

A. Agricultural product labels for the following terrestrial food crops:

almonds, apples, apricots, beans (seed treatment only) except soybeans, beets (red, table), blackberries, blueberries, boysenberries, broccoli, Chinese broccoli, Brussels sprouts, Cabbage, Chinese cabbage (bok choy and napa), cantaloupes, carrots, Casaba melons, cauliflower, cherries, cole crops, collards, field corn (seed treatment only), sweet corn (including seed treatment), cranberries, Crenshaw melons, dewberries, endive (escarole), figs, filberts, ginseng, grapes, honeydew melons, hops, kale, lettuce, lima beans (seed treatment only), loganberries, melons, muskmelons, mustard greens, Chinese mustard, nectarines, onions, peaches, pears, peas (seed treatment only) Persian melons, pineapples, plums, prunes, radishes, Chinese radishes, raspberries, rutabagas, snap beans (seed treatment only), spinach, strawberries, sugar beets, tomatoes, walnuts, and watermelons.

B. Agricultural Product Labels for use on the following aquatic food crops:
watercress (Hawaii only)

C. Agricultural Product Labels for the Following Non-Crop Uses:
Ornamentals grown outdoor in nurseries

D. Agricultural Product Labels for Use Inside:
Mushroom houses

E. Agricultural Product Labels on the Following Animals:
Cattle, non-lactating (ear tags only)

F. Agricultural Product Labels with:
Directions for use as a trunk wrap for non-bearing fruit trees and vines

REQUIRED PRECAUTIONS TO REDUCE RISK TO BIRDS

This product may be used to formulate end-use granular products for use on vegetables and field crops only if the labeling for such end-use products includes 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:

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.

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food, or feed by storage or disposal. 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 disposed of by use according to label instructions, 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. In the event of a major spill or accident, call Chemtrec.

WARRANTY STATEMENT

Recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer assumes all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials.

EPA Text Approved

As per agmt

5-3-2001

GOWAN DIAZINON AG TECHNICAL

TECHNICAL BULLETIN

Technical Material Trade Name	Gowan Diazinon Ag Technical
Chemical Name	O,O-Diethyl-O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate
Common Name	Diazinon
Nominal content of active ingredient	87%
Appearance	Brown liquid
Odor	Faint (characteristic)
Molecular weight	304.35
Boiling point	83-84°C at a pressure of 0.0002 mm Hg – (Pure)
Vapour pressure	6.6×10^{-5} mm Hg – (Pure)
Specific gravity (H ₂ O=1)	1.08-1.11 at a temperature of 20°C
Solubility in water	40 ppm
Flash point	61°C
Stability	Stable under normal conditions
Conditions to avoid	Protect from (sun) light and excessive heat. Avoid temperatures above: 75°C
Materials to avoid	Strong oxidizing agents, strong acids, strong bases
Hazardous reactions	Hazardous polymerization will not occur
Hazardous decomposition products	CO, CO ₂ , NO _x , SO _x , PO _x
In case of spill, fire, or leak	FOR 24 HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC (800) 424-9300.

ACCEPTED

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