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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number:

10163-212

Date of Issuance:

SEP 28 1994
SEP 28 1994

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Gowan Diazinon
Technical

Name and Address of Registrant (include ZIP Code):

Gowan Company
PO Box 5569
Yuma, AZ 85366

BEST AVAILABLE COPY

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 phase "EPA Registration No. 10163-212

b. Under **STATEMENT OF PRACTICAL TREATMENT** delete "Call a Poison..follow the advice given."

Signature of Approving Official:

Date:

EPA Form 8570-6

CONCURRENCES

SYMBOL

H7505C

SURNAME

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c. Replace "NOTE TO MEDICAL PERSONNEL: Exposure...atropine." with " NOTE TO PHYSICIAN: Diazinon is a cholinesterase inhibitor. 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."

d. Replace "IF INHALED: ..exposure by swallowing." with "IF INHALED: Move to fresh air.If not breathing, apply artificial respiration, and get medical attention immediately. Do not apply mouth-to-mouth resuscitation if expocure was by swallowing."

d. Replace "IF ON SKIN: ...wash before reuse." with "IF ON SKIN: Immediately wash with soap and water. Remove contaminated clothing and launder before reuse. Contact a physician or Poison Control Center if symptoms of poisoning develop."

e. Replace "IF IN EYES: ...irritation persists." with "IF IN EYES: Immediately flush eyes with plenty of water, and get medical attention."

f. Under **Precautionary Statements** replace "Harmful and may...food and feed." with "May be fatal if swallowed. May be absorbed through the skin. Do not breath vapors or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling and before smoking or eating. Avoid contamination of food and feed."

g. Under **SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS** change "Birds, especially waterfowl, feeding or drinking on treated areas may be killed." to read "Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. To reduce risks to bird:"

h. Under **SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS** change "If water-fowl...before puddling occurs." to read "Follow all watering instructions included within the directions for use, however, stop watering before puddling occurs."

i. Under **Storage and Disposal** change "Do not contaminate water, food, or feed by storage or disposal." to read "Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment."

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j. Under **Storage and Disposal** change "Improper disposal...EPA regional Office for guidance." to read "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."

k. Under **Storage and Disposal** change "Offer to manufacturer...from burning container." to read " Then offer for return to manufacturer, or recycle, or recondition or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities."

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.

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

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GOWAN DIAZINON TECHNICAL FOR MANUFACTURING USE ONLY

Active Ingredient: Diazinon	
0,0-Diethyl 0-(2-Isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	87.0%
Inert Ingredients:	13.0%
Total:	100.0%

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.)

STATEMENT OF PRACTICAL TREATMENT

Organophosphate Insecticide

Call a Poison Control Center or a physician immediately. If a known exposure occurs or is suspected, immediately start the recommended procedures below. Simultaneously contact a Poison Center, a physician, or the nearest hospital. Inform the person contacted of the type and extent of exposure, describe the victim's symptoms, and follow the advice given.

NOTE TO MEDICAL PERSONNEL: Exposure may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM (Protopam Chloride) is also antidotal when administered early and in conjunction with atropine.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Give several glasses of water and induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue or throat. Continue until vomit fluid is clear. If victim is unconscious or convulsing, do not induce vomiting or give anything by mouth.

IF INHALED: Remove to fresh air. If not breathing, clear victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen, preferably with a physician's advice. Do not apply mouth-to-mouth artificial respiration if exposure was by swallowing.

IF ON SKIN: Flush all affected areas with plenty of soap and water for several minutes. Seek medical attention if skin irritation occurs or symptoms of poisoning develop. Remove contaminated clothing and wash before reuse.

IF IN EYES: Hold eyelids apart and flush eyes with plenty of water. Get medical attention if irritation persists.

FOR 24-HOUR EMERGENCY ASSISTANCE, CALL CHEMTREC: (800) 424-9300.

EPA Reg. No. 10163-____
EPA Est. No. 67545-AZ-1

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GOWAN COMPANY
P O Box 5569
Yuma, AZ 85366

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 29 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under FIFRA...

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

Harmful and may be fatal if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, using the toilet, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse. Avoid contamination of food and feed.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. This pesticide is for the further manufacture of formulated insecticides only. Formulators using this product are responsible for obtaining EPA registration for their formulated products. Only for formulation into insecticide products for the following uses:

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 napa), cantaloupes, carrots, Casaba melons, cauliflower, celery, cherries, cole crops, collards, red chicory (radicchio), corn (including seed treatments), 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.

AQUATIC FOOD CROPS:

Watercress (Hawaii only)

NON-CROP AREAS:

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

INSIDE:

mushroom houses

ON:

ornamentals (including greenhouses), 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)

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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 risk 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:

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS

1. The following must appear in the directions for use. This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not treat areas larger than 15,000 sq. ft. Because of the migratory habits of Atlantic coast waterfowl, do not apply this product to lawns in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds, especially waterfowl. Avoid overlapping of sprays. If water-fowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply at least ¼ inch of water immediately after spraying this product, however, stop watering before puddling occurs. 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. If necessary to repeat applications, 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 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:

SPECIAL PRECAUTIONS TO REDUCE RISK TO BIRDS

1. The following precautions must appear in the directions for use. Birds feeding on treated areas may be killed. To reduce risks to birds thoroughly incorporate this product into the soil during or immediately after application. Refer to the soil incorporation depth specified in the directions for use. Also, cover or incorporate spilled granules.
- 2 Aerial and unincorporated application of granules is not permitted.

Environmental Hazards

This product is highly toxic to birds, fish and other wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your Regional Office of the Environmental Protection Agency

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame

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Storage and Disposal

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

Pesticide: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If pesticide, spray mixture or rinsate 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: Triple rinse (or equivalent). Offer to manufacturer for return, or recycle, or then puncture and dispose of in a sanitary 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.

NOTICE ON CONDITIONS OF SALE

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.