



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Glenda Haage
Platte Chemical Company
P.O. Box 667
Greeley, CO 80632-0667

NOV 26 2001

Dear Ms. Haage:

Subject: Amendment - Comply with 2000 Diazinon MOA;
Delete Beans, Celery, Collards, Cucumbers,
Parsley, Peas, Peppers, Potatoes, Summer
Squash, Winter Squash, Sweet Potatoes,
Swiss Chard, Turnips, Lawn Pest Control,
and Band Treatment around house foundation;
Update First Aid per PR Notice 2001-1; and
Update CSFs/replacement diazinon sources

Diazinon 5 Granules
EPA Registration Number 34704-493
Your submission dated June 12, 2001

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. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Delete directions for use on the crop Beans and on the crop Peas. Under the diazinon MOA, and as stipulated on the labeling for the replacement diazinon manufacturing-use products from which agricultural end-use products may be formulated, the only supported agricultural use pattern for use on beans or peas is for seed treatment. Seed treatment is not appropriate to the type of formulation for the subject product.
 - b. In the Environmental Hazards, expand "Do not apply directly to water." to read "Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark."

- c. Revise the heading FIRST AID STATEMENTS to FIRST AID and under this heading add "This product contains diazinon, an organophosphate insecticide that inhibits cholinesterase."
- d. Under the FIRST AID advice (and above the hotline numbers) add a Note to Physician as follows:

NOTE TO PHYSICIAN

This product contains diazinon , an organophosphate insecticide that inhibits cholinesterase. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal, but should only be administered in conjunction with atropine.

- e. Under the heading DIRECTIONS FOR USE, slightly revise the reformulation prohibition to read "Reformulation or repackaging of this product is prohibited."
 - f. Under the heading VEGETABLE CROPS, revise "Do not apply this product to food crops grown in greenhouses." to read "Do not apply this product in greenhouses."
3. 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.

The Basic Confidential Statement of Formula (CSF) dated June 12, 2001 and the two Alternate CSFs which identify replacement diazinon source Manufacturing Use Product(s) are acceptable and have been added to this product's registration file.

Sincerely,

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

RESTRICTED USE PESTICIDE

DUE TO AVIAN AND AQUATIC TOXICITY

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

THIS PRODUCT MUST NOT BE USED ON GOLF COURSES AND SOD FARMS.



ACCEPTED with COMMENT in EPA Letter Dated: NOV 26 2001

DIAZINON 5 GRANULES

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended for the pesticide registered under EPA Reg. No. 34704-493

ACTIVE INGREDIENT: Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 5.0%

INERT INGREDIENTS: 95.0%

TOTAL 100.0%

important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

FIRST AID STATEMENTS

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately 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 person or convulsing person.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
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. • Call a poison control center or doctor for further treatment advice.
If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.

KEEP OUT OF REACH OF CHILDREN CAUTION

EPA REG. NO. 34704-493
EPA EST. NO. _____
NET WEIGHT 50 LBS. (22.68 KG)

IHT EXP 06Y01

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye injury. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Do not store near food or feed products. Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides. Do not contaminate ornamental fish ponds. Do not allow children or pets on treated areas until granules have been watered into the soil and the grass or soil is dry.

Personal Protective Equipment:

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks or geese), feeding or drinking on treated areas may be killed. Because of the migratory habits of certain 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. Application rates above those recommended significantly increase potential hazards to birds. Avoid overlapping granules. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil. For lawns, follow all watering instructions in the directions for use, however, stop watering before puddling occurs. For lawns, do not apply this product to sites occupied by waterfowl, or within 75 ft. of any body of water which may attract waterfowl, such as ponds or lakes. Do not apply directly to water. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Runoff may be hazardous to fish and other aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area. If there will be no contact with anything that has been treated, PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: coveralls, waterproof gloves and shoes plus socks.

DIAZINON 5 GRANULES

EPA REG. NO. 34704-493

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STORAGE AND DISPOSAL

STORAGE: Store in original container in a cool, dry, well-ventilated area. Store product in an area inaccessible to children and domestic animals. Do not store near fertilizers, herbicides, other insecticides, seeds, food, or feed.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash. 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, fire or other emergency, call 1-303-356-4400 or 1-800-424-9300 day or night.

VEGETABLES—INSECT CONTROL

Special Precautions To Reduce Risk To Birds

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

1. Thoroughly mix this product into the soil during or immediately after application. Refer to the Soil Incorporation table that follows.
2. Granules that are spilled or are visible on soil surfaces should be covered with soil or thoroughly mixed into the soil.

This product controls certain garden insects on crops listed in the following tables. Apply uniformly as directed for each crop. When a range of rates is given, use the higher rate only for heavier infestations.

Do not apply this product to food crops grown in greenhouses.

Applications for control of pests listed below should be thoroughly mixed into the soil during or immediately after application.

SOIL INCORPORATION

Insect	Depth of Mixing or Incorporation into Soil
Surface cutworms*	2-3 inches
Subterranean cutworms*	3-6 inches
Mole crickets	1-2 inches
Root maggots	3-4 inches
Wireworms	4-8 inches

*If type of cutworm cannot be identified, mix into soil 4-6 inches deep.

Crop	Pest	Rate	Timing/Special Directions
Beans (Lima, Pole and Snap) (succulent only)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Beets, Red (Table)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Broccoli	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Brussels Sprouts	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Cabbage	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Carrots	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

Crop	Pest	Rate	Timing/Special Directions
Cauliflower	Root Maggots	14-21 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting or transplanting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Endive (Escarole)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Kale	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Lettuce	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
Melons (Cantaloupes, Casabas, Crenshaws, Honeydew, Muskmelons, Persians and Hybrids of these) and Watermelons	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Mustard	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Onion Maggots	14-28 oz. per 1,000 sq. ft.	Broadcast just before planting and mix into the top 3-4 inches of soil. NOTE: Resistant onion maggots will not be controlled by diazinon or similar type insecticides.
Onions (Bulb & Green)	Onion Maggots	14-28 oz. per 1,000 sq. ft.	
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Peas (succulent only)	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Note: Do not use on dried pea varieties, such as dried blackeye peas.			
Radishes	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
Spinach	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Sweet Corn	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
Tomatoes	Seed Corn Maggots	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil 2 inches just before planting.
	Cutworms	14-28 oz. per 1,000 sq. ft.	Broadcast and mix into soil just before planting.
	Wireworms	21-28 oz. per 1,000 sq. ft.	
	Mole Crickets	7 oz. per 1,000 sq. ft.	Broadcast and mix into soil 1-2 days before planting.

NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 PLATTE, THE MANUFACTURER OR SELLER. IN NO CASE SHALL PLATTE, THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE, THE MANUFACTURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESS OR IMPLIED, OF ANY NATURE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**FORMULATED FOR
PLATTE CHEMICAL CO.**

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