

PH 13 51036-69

Jul 20 1994

Mr. Morris Gaskins
Micro Flo Company
P.O. Box 5948
Lakeland, FL 33807

Dear Mr. Gaskins:

Subject: Amendment- Revise per Diazinon Registration Standard
Micro Flo Diazinon 2G Lawn and Perimeter Granule
EPA Registration Number 51036-69
Your submission dated August 25, 1993

This 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. Under STATEMENT OF PRACTICAL TREATMENT delete 'Get medical attention.'.

b. Replace the PRECAUTIONARY STATEMENTS Hazards To Humans and Domestic Animals with "Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust and contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before smoking and eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions results, consult a physician. Food and utensils such as tablespoons 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 pests onto treated area until granules have been watered in and the grass has dried.".

CONCURRENCES

SYMBOL	412005						
SURNAME	LID						
DATE	7/1/94						

- c. Under DIRECTIONS FOR USE change "Federal Law" to "Federal law".
- d. Under ENVIRONMENTAL HAZARDS change "(ducks and geese)" to "(ducks or geese)".
- e. Under OVERALL LAWN APPLICATION change "(ducks and geese)" to "(ducks or geese)".
- f. Under OVERALL LAWN APPLICATION change "directions for usze" to "directions for use".
- g. Under Pests change "Sowbugs" to "Sowbugs (Pillbugs)".
- h. Under TIMING/SPECIAL DIRECTIONS: for Billbugs...dung beetle "change "fall" to "Fall," and "spring" to "Spring".
- i. Under LAWN SPOT TREATMENT ANTS: change "Apply 1 tablespoon of Diazinon 2G over and around each ant hill." to "Apply 1 tablespoon of Diazinon 2G over and around each individual ant hill.".
- j. Under LAWN SPOT TREATMENT FIRE ANTS: change "Apply gently to avoid disturbing ants." to "Apply water gently to avoid disturbing ants.".
- k. Under LAWN SPOT TREATMENT DIGGER WASPS change "Apply 1 tablespoon of Diazinon 2G in and around each nest opening." to "Apply 1 tablespoon of Diazinon 2G in and around each individual ground nest opening.".
- h. Under BAND TREATMENT AROUND HOUSE FOUNDATION change "Apply a 2-foot band of Diazinon 2G next to the house foundation." to "To controï these pests, apply a 2-foot band of Diazinon 2G next to the house foundation."

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.

Your current Confidential Statement of Formula (CSF) does not list the impurities of toxicological concern separately nor does it include the diazinon certification for FIFRA Sec. 12(a)(1)(C), that the description of this product refers to the composition set forth on the CSF and supporting materials as required by the Diazinon Registration Standard. Please check with your supplier in this regard and update your CSF accordingly.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

Draft label to match up with CIBA Diazinon 2G EPA Reg. No. 100-468

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

MICRO FLO
DIAZINON 2G LAWN & PERIMETER GRANULES

ACCEPTED
with COMMENTS
EPA Letter Dated

20 1994

Ready-to-use Granules.
Contains 2% Diazinon Insecticide.
For outdoor use on the home lawn or

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

51036-69

ACTIVE INGREDIENT:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate	2.0%
INERT INGREDIENT:.....	98.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

IF INHALED: Remove victim to fresh air and apply artificial respiration, if indicated.

IF ON SKIN: Wash promptly with soap and water. Rinse thoroughly. (Get medical attention.)

IF IN EYES: Rinse eyes with plenty of water and call a physician immediately.

NOTE TO PHYSICIAN: This product is an organophosphate insecticide. 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.

See elsewhere on label for additional precautionary statements.

EPA Reg. No. 51036-69

EPA Est. No. 51036-GA-1

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5948
LAKELAND, FLORIDA 33807

250410

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

CONDITIONS OF SALE AND WARRANTY

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 risk 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 Micro Flo or the Seller. All such risks shall be assumed by the Buyer.

Micro Flo 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.

MICRO FLO makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Micro Flo or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Micro Flo 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 on writing signed by a duly authorized representative of Micro Flo.

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 should 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.

ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl (ducks and 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 and waterfowl. Avoid overlapping granules. Granules that are spilled or are visible on the 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.

Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. 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 important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

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 case of emergency, call 1-800-424-9300.

In Lawns Diazinon 2G Kills:

Ants, Armyworms, Bermudagrass mites, Billbugs, Cutworms, Brown dog ticks, Mole crickets, Chiggers, Onion maggots, Chinch bugs, Root maggots, Clover mites, Crickets, Wireworms, Cutworms, Digger wasps, Earwigs, Fleas, Fire ants*, Lawn moths, Leafhoppers, Millipedes, Sod webworms, Sowbugs (Pillbugs), Springtails, White grubs of: European chafer, Japanese beetle, Southern chafer.

*Aids in control.

OVERALL LAWN APPLICATION
Special Precautions To Reduce Risk To Birds

Birds, especially waterfowl (ducks and geese), feeding or drinking on treated areas may be killed. To reduce risks to birds:

1. Do not treat areas larger than 15,000 sq. ft.
2. Because of the migratory habits of certain waterfowl, do not apply in Nassau County, New York between November 1 and May 20.
3. Do not exceed maximum permitted label rates, since rates above those recommended significantly increase potential hazards to birds, especially waterfowl.
4. Avoid overlapping treated areas.
5. Follow all watering instructions in the directions for use, however, stop watering before puddling occurs.
6. 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.
7. If it is necessary to repeat application, wait a minimum of 3 weeks between applications. Make no more than 4 applications per year.

Diazinon 2G controls certain lawn insects on both grass and dichondra lawns. Apply Diazinon 2G with fertilizer spreader. Refer to the directions that follow for use rates and spreader settings.

PEST:

Ants, Armyworms, Bermudagrass mites, Brown dog ticks, Chiggers, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs, Fleas, Lawn moths (sod webworms), Leafhoppers, Millipedes, Sowbugs, Springtails (Collembola)

puller

RATE:*

Apply 5 lbs. per 1,000 sq. ft.

TIMING/SPECIAL DIRECTIONS:

Apply when grass is dry. Water lawn lightly after application. If necessary, repeat applications at 3-week intervals. Make no more than 4 applications per year.

PEST:

Billbugs, White Grubs of Japanese beetle, European chafer, Southern chafer, Ataenius spretulus (dung beetle)

RATE:*

Apply 5 lbs. per 1000 sq. ft.

TIMING/SPECIAL DIRECTIONS:

Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs.

For billbug control, apply when activity is first observed or when chewed grass indicates damage. If necessary, repeat application at 3-week intervals. Make no more than 4 applications per year.

For grub control, except dung beetle, treat any time between late July and early October. For dung beetle grub control, apply in spring or early summer when damage is first noticed. Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat again in late summer or early fall if a second generation occurs.

PEST:

Hyperodes weevils

RATE:*

Apply 5 lbs. per 1000 sq. ft. of grass.

TIMING/SPECIAL DIRECTIONS:

Water grass with at least 1/4 inch of water after application, however, stop watering before puddling occurs. Treat problem areas in mid-April and again in mid-May.

*1,000 sq.ft. = an area 20 ft. x 50 ft.

100 sq. ft. = an area 10 ft. x 10 ft.

2 lbs. per 1,000 sq. ft. = 3.2 oz. per 100 sq. ft.

Note: The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting, if necessary, in order to assure correct rate of application.

LAWN SPREADER SETTING NO.**
(to deliver 2 lbs/1000 sq ft)

<u>Spreader Make and Model</u>	<u>Setting</u>
Central Imperial Mark No. 1662-G	7 1/2
Central Suburbia Lawn Spreader No. 1622-0	7 1/2

Cyclone Model B1 Rotary	6
Greenfield Model 105	8
J.C. Penney Model 6005	8 1/2
J.C. Penney Rotary Spreader	8
Scott Precision Flow Spreader Model PF-4	6 1/2
Sears Craftsman Model 671.19198	7 1/2

**For application with other types of equipment, apply at the rate of 5 lbs. per 1,000 sq. ft.

LAWN SPOT TREATMENT

ANTS:

Apply 1 tablespoon of Diazinon 2G over and around each ant hill.

FIRE ANTS:

To aid in the control of fire ants in home lawns and other outdoor home recreational areas, apply 1 1/4 cups over, and 2 ft. around, each fire ant mound. Immediately after application, water in thoroughly. A minimum of 1 gallon of water should be applied to each mound area. Reapply as necessary. Apply gently to avoid disturbing ants. Use of high pressure watering equipment may disturb the ants and cause migration, reducing product effectiveness.

NOTE: For best results, apply in cool weather, 65 to 80 degrees F, or in early morning or late evening hours. Works within 24 hours. No waiting for days or weeks. Treat new mounds as they appear.

DIGGER WASPS:

Apply 1 tablespoon of Diazinon 2G in and around each nest opening. Apply at dusk when wasps are not active.

BAND TREATMENT AROUND HOUSE FOUNDATION

The following pests are commonly found around or near foundations of houses as well as in lawns. Certain of these pests may enter houses:

Ants, Fleas, Brown dog ticks, Millipedes, Clover mites, Scwbugs (Pillbugs), Crickets, Springtails (Collembola), Earwigs.

Apply a 2-foot band of Diazinon 2G next to the house foundation. Distribute granules uniformly, using a rate of 8 oz. for each 100 sq. ft. of area (5' by 20') treated. If necessary, repeat application at 3-week intervals.

Read all directions carefully.