



PM E 01096 RE  
Label 7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

DEC 12 1993

Morris Gaskins  
MICRO-FLO CO.  
P. O. Box 5948  
Lakeland, FL 33807

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 05/24/93 in Response to PR Notice 93-7  
EPA Reg. No. 51036-93  
MICRO FLO DIAZINON 5G

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

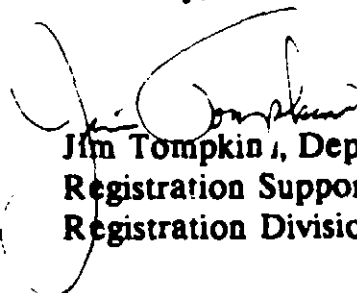
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

DEC 22 1993

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

51036-93

Draft labeling for WPS language in response to PR 93-7

THIS PRODUCT MUST NOT BE USED ON ON GOLF COURSES NOR ON SOD FARMS

**MICRO FLO  
DIAZINON 5G  
ORGANOPHOSPHATE**

**ACTIVE INGREDIENT:**

Diazinon [0,0-Dimethyl o-(2-isopropyl-4-methyl-6-pyrimidinyl phosphorothioate) ..... 5.0%

**INERT INGREDIENTS:** ..... 95.0%

**TOTAL**..... 100.0%

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT  
Organophosphate**

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

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

**IF ON SKIN:** Remove contaminated clothing and wash affected areas immediately with soap and water.

**IF IN EYES:** Rinse eyes for at least 15 minutes with water and call a physician immediately.

**NOTE TO PHYSICIAN:** Product contains an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal, and may be administered in conjunction with atropine.

**This product is an organophosphorus ester that inhibits cholinesterase.**

See Elsewhere on Label For Additional Precautionary Statements EPA

Reg. No. 51036-93

EPA Est. No. 51036-GA-1

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

5019

**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans And Domestic Animals**

**CAUTION**

Harmful if swallowed. May be absorbed through the skin. May be injurious to eyes and skin. Do not take internally. Do not get in eyes or on skin. Flush contaminated eyes with plenty of water and get medical attention.

**PERSONAL PROTECTIVE EQUIPMENT**

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMENDATIONS**

Users should:

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

**ENVIRONMENTAL PRECAUTIONS**

This product is toxic to fish, birds, and other wildlife. Birds and other wild-life in treated areas may be killed. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flames. Keep container closed. Handle in a ventilated area.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
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 and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

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:

1. Coveralls
2. Waterproof gloves
3. Shoes plus socks

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides [40 CFR Part 170]. The Worker Protection Standard applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep children, pets and other unprotected persons out of treated areas until material is washed into soil and grass is dried.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store in a dry place. In case of minor spills, follow all precautions and clean up immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by

incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

#### IMPORTED FIRE ANTS

To aid in the control of imported fire ants in lawns and other recreational areas, apply 1/2 cup 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 degrees to 80 degrees, or in early morning or late evening hours. Treat new mounds as they appear.

#### IN LAWNS, DIAZINON 5G KILLS

Ants, Armyworms, Bermudagrass Mites, Billbugs, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Digger Wasps, Earwigs, Fleas, Lawn Moths, Leafhoppers, Millipedes, Sod Webworms, Sowbugs, Springtails, White Grubs of: Japanese Beetle, European Chafer, Southern Chafer

#### IN GARDENS, DIAZINON 5G KILLS

Armyworms, Carrot Rust Flies, Corn Borers, Cutworms, Mole Crickets, Onion Maggots, Root Maggots, Rootworms, Vinegar Flies, Wireworms

#### OVERALL LAWN APPLICATION

Diazinon 5G control the following lawn insects on both grass and dichondra lawns: Ants, Armyworms, Bermuda Mites, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Lawn Moths (Sod Webworms), Leafhoppers, Millipedes, Sowbugs, Springtails (Collembola).

Apply Diazinon 5G with a fertilizer spreader. See spreader setting chart. Apply when grass is dry. Water lawn lightly after application. Repeat as necessary.

For application with other types of equipment, apply at the rate of 2 lbs. per 1000 sq. ft. (an area 20' by 50') or 3.2 oz. per 100 sq. ft. (an area 10' by 10'). For heavy lawns such as St. Augustine grass lawns, the rate should be increased to 3 lbs. per 1000 sq. ft. (or 4.8 oz. per 100 sq. ft.).

Billbugs: White grubs of Japanese beetle, European chafer, and Southern chafer: Apply 2.5 lbs. per 1000 sq. ft. of lawn. Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, apply any time between late July and early October. Hyperodes weevils (New York only): Apply 2 lbs. per 1000 sq. Ft. of grass. Water grass thoroughly after application. Treat problem

Areas in mid-April and again in mid-May.

#### SPOT TREATMENT

**Ants:** Apply 1/2 teaspoons of Diazinon 5G over and around each ant hill.

**Digger wasps:** Apply 1/2 teaspoons 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, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millpedes, Sowbugs (Pillbugs), Springtails (Collembola) Apply a 5-foot band of Diazinon 5G next to the house foundation.

Distribute granules uniformly, using a rate of 3.2 oz. for each 100 sq. ft. of area (5' by 20') treated. Repeat as necessary.

#### INSECT CONTROL

Diazinon 5G controls certain insects on crops listed below. Apply just prior to planting and immediately mix thoroughly into soil to the specified depth, except where applied in seed furrow.

##### CUTWORMS (Surface and Subterranean):

Broccoli, Cabbage, Cantaloupes, Cauliflower, Celery, Collards, Cucumbers, Endive (Escarole), Kale, Lettuce, Lima Beans, Muskmelons, Parsley, Peas, Peppers, Potatoes, Snap Beans, Spinach, Summer Squash Swiss Chard, Tomatoes, Watermelons, Winter Squash Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 2 to 3 inches for surface cutworms and 3 to 6 inches for subterranean cutworms. For potatoes, mix into soil 4 to 6 inches deep.

##### MOLE CRICKETS:

Broccoli, Cabbage, Cauliflower, Collards, Endive (Escarole), Kale, Lettuce, Tomatoes, Turnips Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 1 to 2 inches.

##### WIREWORMS:

Broccoli, Cabbage, Cantaloupes, Carrots, Cauliflower, Celery, Collards, Corn, Cucumbers, Endive (Escarola), Kale, Lettuce, Lima Beans, Muskmelons, Onions, Parsley, Peas, Peppers, Snap Beans, Spinach, Summer Squash, Sweet Potatoes, Swiss Chard, Tomatoes, Watermelons, Winter Squash Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 4 to 8 inches.

##### BROCCOLI, CABBAGE, CAULIFLOWER:

Root maggots: Apply 7 to 11 oz. per 500 sq. ft. over entire seedbed before planting or transplanting and mix into soil to a depth of 3 to 4 inches.

**CARROTS:**

**Carrot Rust Flies:** Apply 7 oz. per 500 sq. ft. in seed furrow at planting time.

**ONIONS:**

**Onion Maggots:** Apply 4 oz. per 500 sq. ft. in a seed furrow at planting time.

**RADISHES:**

**Root Maggots:** Sprinkle lightly at the rate of 3 to 4 oz. per 500 linear feet of row in seed furrow at planting time.

**SWEET CORN:**

**Corn Rootworms:** Apply 4 to 7 oz. per 500 sq. ft. in a band over the row at planting time. **Cutworms:** Apply 7 to 11 oz. per 500 sq. ft. Mix into soil to a depth of 1 to 2 inches for surface cutworms and 3 to 6 inches for subterranean cutworms.

**European Corn Borers:** Apply 4 to 7 oz. per 500 sq. ft. over corn so granules fall into whorls when 75% of the plants show first-generation larvae feeding and again 7 days later, if needed. Treat for second generation when there is an average of 1 egg per plant.\*

**Fall armyworms:** Apply 4 to 7 oz. per 500 sq. ft. over corn so granules fall into whorls when larvae first appear and again for control of second-generation armyworms, if necessary.\*

**Southwestern Corn Borers:** Apply 4 to 7 oz. per 500 sq. ft. over corn so granules fall into whorls when second-generation larvae first appear. Repeat application one week later.\*

\*NOTE: Corn may be picked immediately following last application. Do not feed fodder to livestock for ten days following last application. **Wireworms:** Apply 7 to 15 oz. per 500 sq. ft. in a broadcast application. Mix into soil to a depth of 4 to 8 inches.

**SWEET POTATOES (North Carolina only)**

**Wireworms:** Apply 11 oz. per 500 sq. ft. over the top of sweet potato plant foliage when roots begin to enlarge.

**TOMATOES:**

**Vinegar Flies (Drosophila spp.):** Apply 4 oz. per 500 sq. ft. over top of plants when flies first appear. Repeat at 7 to 10 day intervals, or as required. Tomatoes may be picked the same day.

**TURNIPS Root Maggots:**

Apply 4 oz. per 500 sq. ft. in seed furrow at planting time

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



**ST. AUGUSTINE GRASS OR DICHONDRA LAWN**

**INSECTS LISTED BELOW\***

<b>SPREADER MAKE AND MODEL</b>	<b>SPREADER SETTING NO. (per 1000 sq. ft.)</b>
Central Imperial Mark No. 1662-G	6 1/2
Central Suburbia Lawn Spreader No. 1622-0	6 1/2
Cyclone Model B1 Rotary	4 1/2
Greenfield Model 105	6 1/2
J.C. Penney Model 6005	7 1/4
J.C. Penney Rotary Spreader	5
Scott Model 35	4
Sears Craftsman Model 671.19198	6

\*Ants, Armyworms, Bermudagrass Mites, Brown Dog Ticks, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Hyperodas Weevil (New York Only), Lawn Moths (Sod Webworms), Leafhoppers, Millipedes, Sowbugs, Springtails (Collembola)

**CONDITIONS OF SALE**

All statements concerning the use of this product apply only when used as directed.

THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

Read all directions carefully.