

51036-97 PM 15

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 51036-97	DATE OF ISSUANCE OCT 24 1986
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Diazinon 5G Homeowner	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Micro-Flo Company  
Route 1, Box 190  
Sparks, GA 31647

161 / 172411  
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**NOTE:** Changes in labeling formula 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 U.S. 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.

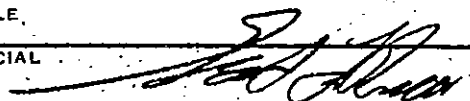
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) 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:
  - a. Add the phrase "EPA Registration No. 51036-97."
  - b. In the data submission you reported diazinon as 90%. Thus all calculations are based upon 90%. On the Confidential Statement of Formula you reported 5.38 as the lower limit of 90% diazinon, which is  $5.38 \times 90\% = 4.842$  in pure active ingredient (ai). This is lower than the 5% pure ai on the label claim. You must increase the lower certified limit to obtain at least 5% pure active.
  - c. Please provide a 1-year Storage Stability Study within 15 months of the date of this Registration.

ATTACHMENT IS APPLICABLE.

SIGNATURE OF APPROVING OFFICIAL  DATE 10/24/86

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- d. Please provide detailed analytical methods. You may reference the method by citing the EPA Accession Number or by citing published literature or manuals.
  - e. Precede the active ingredient with Diazinon followed by the chemical name in square brackets. Uppercase Diethyl.
  - f. Add "until material is washed into soil and grass is dry" to "Keep children and pets off treated areas."
  - g. Change "May be fatal if swallowed" to "Harmful if swallowed."
  - h. Delete last three paragraphs of Precautionary Statements. Reentry statements and special protective clothing are not required for domestic use (homeowner) products.
  - i. Change "Keep out of lakes, streams, or ponds" to "Do not apply directly to water."
  - j. Change "1-1/2 teaspoons" to "1 1/2 teaspoons" in spot treatment for ants and digger wasps.
  - k. How does the user evenly apply this product to lawns? Check with your supplier of the active ingredient and include appropriate spreaders and spreader settings for use with this product.
  - l. To the front panel add the statement, "This product must not be used on golf courses and sod farms."

3. Submit five (5) 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.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

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Product Label

DIAZINON 5G

HOMEOWNER

For Use In Lawns, Gardens, and Around The Home.

ACTIVE INGREDIENTS

O,O-diethyl O-(O isopropyl-6-methyl-4-pyrimidinyl)	
phosphorothioate .....	5.0%

INERT INGREDIENTS .....	95.0%
TOTAL .....	100.0%

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

See Side Panels For Additional Precautionary Statements.

EPA Reg. No. 51036- \_\_\_\_\_

EPA Est. No. 51036-GA-1

Manufactured By

MICRO-FLO COMPANY  
SPARKS, GEORGIA 31647

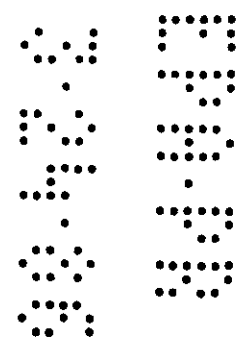
Net Weight \_\_\_\_\_

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 23 1986

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

5103697



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(Left Panel)

STATEMENT OF PRACTICAL TREATMENT

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 clear. 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.

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

CAUTION: Keep children and pets off treated areas. May be fatal 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. Do not smoke while using. Wash thoroughly after handling. Wash contaminated clothing before reuse. Flush contaminated eyes with plenty of water and get medical attention.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

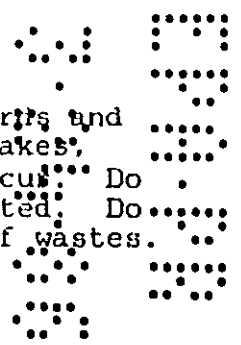
Do not enter treated areas without protective clothing until dusts have settled.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

ENVIRONMENTAL PRECAUTIONS

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, or ponds. 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



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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: PRODUCT - Partially filled bag may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. CONTAINER - Do not reuse bag. Discard bag in trash.

DIRECTIONS FOR USE

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

LAWN PROTECTION:

Diazinon 5G controls the following lawn pests in both grass and dichondra lawns:

- |                    |              |                 |
|--------------------|--------------|-----------------|
| Ants               | Crickets     | Springtails     |
| Armyworms          | Cutworms     | White grubs of: |
| Bermudagrass mites | Earwigs      | Japanese beetle |
| Billbugs           | Fleas        | European chafer |
| Brown dog ticks    | Leafhoppers  |                 |
| Chiggers           | Millipedes   |                 |
| Chinch bugs        | Sod webworms |                 |
| Clover mites       | (Lawn moths) |                 |
|                    | Sowbugs      |                 |

How to Apply:

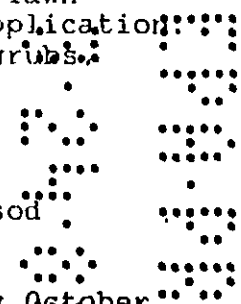
For most insects, sprinkle contents over a 500 sq. ft. area (10' X 50'). For heavy lawns, such as St. Augustine grass, spread contents evenly over 320 sq. ft. (10' x 32'). For billbug and white grub control, spread contents over 400 sq. ft. (10' x 40').

For best results, the lawn should be dry before application. To control surface feeding insects, armyworms and sod webworms (lawn moths), apply in late afternoon. Water lawn lightly after application. To control ants, billbugs, chinch bugs, cutworms, and white grubs, water lawn thoroughly after application.

When to Apply:

Apply when insects are present. To control ants, armyworms, Bermudagrass mites, chinch bugs, cutworms, leafhoppers, and sod webworms (lawn moths), apply at 4-6 week intervals.

To control white grubs, apply any time between July and early October. To control billbugs, apply when activity is first observed, or when chewed or brown grass indicates damage from these insects. Repeat as



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necessary.

(Right Panel)

**SPOT TREATMENT:**

**Ants:** Apply 1-1/2 teaspoons over and around each ant hill.

**Digger Wasps:** Apply 1-1/2 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	Earwigs	Sowbugs
Brown dog ticks	Fleas	(Pillbugs)
Clover mites	Millipedes	Springtails
Crickets		(Collembola)

**How to Apply:**

Apply a 5-foot band of Diazinon 5G next to the house foundation. Distribute granules uniformly, using a rate of 1/5 of package for each 100 sq. ft. area (5' x 20') treated.

**When to Apply:**

Apply when insects are present, especially in late spring or early fall. Repeat as necessary.

**Garden Insect Control:**

Diazinon 5G controls certain garden 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.

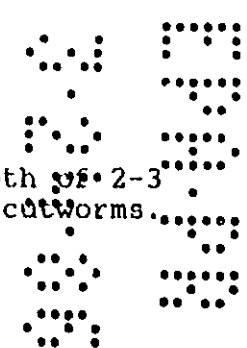
**Cutworms (surface and subterranean)**

Broccoli	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupes	Lima Beans	Swiss Chard
Cauliflower	Muskmelons	Tomatoes
Celery	Parsley	Watermelons
Collards	Peas	Winter Squash
Cucumbers	Peppers	
Endive	Potatoes	
(Escatole)	Snap Beans	

Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 2-3 inches for surface cutworms and 3-6 inches for subterranean cutworms. For potatoes, mix into soil 4-6 inches deep.

**Mole Crickets**

Broccoli	Endive	Peppers
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Cabbage	(Escarole)	Radishes
Cauliflower	Kale	Strawberries
Collards	Lettuce	Tomatoes
	Mustard	Turnips

Apply 4 oz. per 500 sq. ft. and mix into soil to a depth of 1-2 inches.

Wireworms

Broccoli	Endive	Peppers
Cabbage	(Escarole)	Snap Beans
Cantaloupes	Kale	Spinach
Carrots	Lettuce	Summer Squash
Cauliflower	Lima Beans	Sweet Potatoes
Celery	Muskmelons	Swiss Chard
Collards	Onions	Tomatoes
Corn	Parsley	Watermelons
Cucumbers	Peas	Winter Squash

Apply 7 to 14 oz. per 500 sq. ft. and mix into soil to a depth of 4-8 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 3-4 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 seed furrow at planting time.

Radishes

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

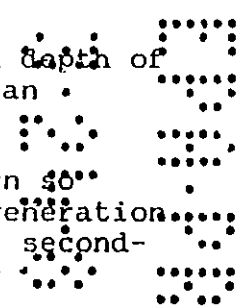
Sweet Corn

Corn Rootworms: Apply 4-7 oz. per 500 sq. ft. in a band over the row at planting time.

Cutworms: Apply 7-11 oz. per 500 sq. ft. Mix into soil to a depth of 1-2 inches for surface cutworms and 3-6 inches for subterranean cutworms.

European Corn Borers: Apply 4-7 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 mass per plant.\*

Fall Armyworms: Apply 4-7 oz. per 500 sq. ft. over corn so granules fall into whorls when larvae first appear, and again for control of



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second-generation armyworms, if necessary.\*

Southwestern Corn Borers: Apply 4-7 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 7-15 oz. per 500 sq. ft. in a broadcast application. Mix into soil to a depth of 4-8 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 7-10 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.

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.

