

51036-93 PM 15

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input checked="" type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION 51036-93	DATE OF ISSUANCE JUN 24 1986
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Diazinon 5G	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

$\frac{161}{18} / \frac{172415}{2}$

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.

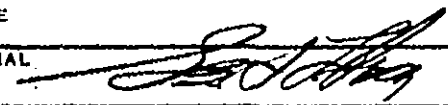
A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

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. 51036-93."
 - 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

EPA Form 8570-6 (Rev. 5-76) PREVIOUS EDITION MAY BE USED UNTIL SUPPLY IS EXHAUSTED

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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. Delete NOTE TO PHYSICIAN within the Precautionary Statements. Retain the one in Statement of Practical Treatment.
- g. Add "until material is washed into soil and grass is dry" to "Keep children and pets off treated areas."
- h. Change "May be fatal if swallowed" to "Harmful if swallowed."
- i. The reentry statements and protective clothing precautions are incomplete and must be expanded. Refer to PR Notice 83-2, specifically page 4, and add appropriate statements. Also, identify what type of protective clothing should be used. See page 1 of same Notice.
- j. Change "Keep out of lakes, streams, or ponds" to "Do not apply directly to water."
- k. Change "Apply 1-1/2 teaspoons, etc." to "Apply 1 1/2 teaspoons, etc." as spot treatment for ants and digger wasps.
- l. On 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

(Center Panel)

DIAZINON 5G

ACTIVE INGREDIENT:

0,0-diethyl 0-(2-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

NET WEIGHT: _____

Manufactured By:

MICRO-FLO COMPANY

SPARKS, GEORGIA 31647

ACCEPTED
with COMMENTS
EPA Letter Entry

OCT 24 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
51036-93

(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.

NOTE TO PHYSICIAN: Diazinon is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection as an antidote.

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

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: Store in a dry place.

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.

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

In case of minor spills, follow all precautions indicated above and clean up immediately. Sweep up and dispose of wastes and broken or empty containers in a landfill approved for pesticide use.

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.

(Right Panel)

IN LAWNS, DIAZINON 5G KILLS

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

IN GARDENS, DIAZINON 5G KILLS

- | | |
|-------------------|---------------|
| Armyworms | Onion maggots |
| Carrot rust flies | Root maggots |
| Corn borers | Rootworms |
| Cutworms | Vinegar flies |
| Mole crickets | Wireworms |

DIRECTIONS FOR USE

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

OVERALL LAWN APPLICATION:

Diazinon 5G controls 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 drv. 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 1-1/2 teaspoons of Diazinon 5G over and around each ant hill.

Digger wasps: Apply 1-1/2 teaspoons of Diazinon 5G 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 | Sowbugs (Pillbugs) |
| Crickets | Springtails |
| Earwigs | (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.

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)

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

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

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|-------------|------------|--------------|
| Broccoli | Endive | Peppers |
| 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 per plant.*

Fall Armyworms: Apply 4-7 oz. per 500 sq. ft. over corn so granules

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fall into whorls when larvae first appear, and again for control of 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.

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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.

SPREADER SETTING NO.
(per 1000 sq. ft.)

Spreader Make and Model	Insects listed below*		White grubs, Billbugs 2-1/2 lbs.
	Grass or Dich- ondra Lawn 2 lbs.	St. Augustine Lawn 3 lbs.	
Central Imperial Mark No. 1662-G	6-1/2	7-1/4	7
Central Suburbia Lawn Spreaker No. 1622-0	6-1/2	7-1/2	7
Cyclone Model Bl Rotary	4-1/2	5	4-3/4
Greenfield Model 105	6-1/2	7-1/4	6-3/4
J.C. Penney Model 6005	7-1/4	8	7-1/2
J.C. Penney Rotary Spreader	5	7	6
Scott Model 35	4	5	4-1/2
Sears Craftsman Model 671.19198	6	7	6-1/2

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|--------------------|------------------|
| *Ants | Fleas |
| Armyworms | Hyperodes Weevil |
| Bermudagrass mites | (New York only) |
| Brown Dog Ticks | Lawn Moths |
| Chiggers | (Sod Webworms) |
| Chinch Bugs | Leafhoppers |
| Clover Mites | Millipedes |
| Crickets | Sowbugs |
| Cutworms | Springtails |
| Earwigs | (Collembola) |