



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg.
Number:

51036-
322

Date of Issuance:

NOV - 4 1999

NOTICE OF PESTICIDE:

 x Registration

 Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Permethrin 0.25%
Granules

Name and Address of Registrant (include ZIP Code):

Micro Flo Co.
P.O. Box 772099
Memphis, TN 38117

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

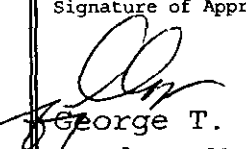
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label change before you release the product for shipment:

Revise the EPA Registration Number to read, "EPA Reg.
No. 51036-322.

Signature of Approving Official:


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

Date:

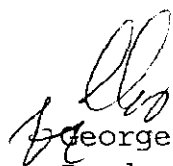
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Submit two (2) copies of the final printed labeling for the record before you release the product for shipment. .

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Sincerely,



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

Enclosure

Treats up to 5000 sq. Ft.

(OPTIONAL MARKETING LANGUAGE)

PERMETHRIN 0.25% GRANULES contains permethrin, a longer lasting insecticide which provides contact and residual control for up to 4 weeks of the most troublesome outdoor insect pests.

PERMETHRIN 0.25% GRANULES Lawn Insect Control

Kills on contact * Up to 4 week control * Protects your home from invading ants * Also stops spiders, roaches, ants, fleas, brown dog ticks and more * Grub Control * Ready to use

Kills: Grubs, Fleas, Ants, Crickets, Brown Dog Ticks, Fire Ants, Chinch Bugs, Armyworms, Billbugs, Cutworms, Earwigs, Sod Webworms and other listed insects

Active Ingredient

Permethrin [* (3-phenoxyphenyl)methyl (+) cis-trans-3-(2,2-dichloroethenyl)-2,2-Dimethylcyclopropanecarboxylate]..... 0.25%
Inert Ingredients..... 99.75%

*cis-trans isomer ratio: min 35%(+) cis, max. 65% (+) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

See additional precautionary statements on back of bag.

EPA Reg. No. 51036-GEE

EPA Est. No. 51036-GA-001

Net Weight: Ten Pounds

Manufactured By:
MICRO FLO COMPANY
P.O. BOX 772099
MEMPHIS, TN 38117

ACCEPTED
with COMMENTS
in EPA Letter Dated,

NOV - 4 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under FIFRA Act.

51036-322

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid inhalation of dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Avoid contamination of food and feed.

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. For outdoor use around the home only.

Three Easy Steps to Use this Product

- Step #1: Determine size of the job, measure the area to be treated.
- Step #2: Use spreader setting chart to determine appropriate setting for your spreader.
- Step #3: Treat as directed in rate chart. Thorough coverage is important. Water in granules where indicated.

SPREADER SETTING NO. (Per 1000 sq. ft.)			
Spreader Make and Model	Grass or Dichondra Lawns 2 pounds	St. Augustine Lawn 3 pounds	White grubs, Billbugs 2 ½ pounds
Central Imperial Make No. 1662-G	6 ½	7 1/4	7
Central Suburbia Lawn Spreader No. 1622-0	6 ½	7 ½	7
Cyclone Model B1 Rotary	4 ½	5	4 3/4
Greenfield Model 105	6 ½	7 1/4	6 3/4
Ortho Drop Spreader Model 3000	4 ½	5 ½	5

Ortho Broadcast Spreader Model 4000	4 ½	7	6
J.C. Penny Model 6005	7 1/4	8	7 ½
J.C. Penny Rotary Spreader	5	7	6
Scott Model 35	4	5	4 ½
Sears Craftsman Model 671.19198	6	7	6 ½

Note: The spreader setting 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.

Directions for Applying PERMETHRIN 0.25% GRANULES

Treatment Areas	Target Pest	Remarks	Use Rate
Band Treatment Around House Foundation	Ants, Fleas, Brown dog ticks, Millipedes, Clover mites, Roaches, Spiders, Silverfish, Sowbugs (Pillbugs), Crickets, Earwigs	These pests are commonly found around or near foundations of houses as well as in lawns. Certain of these pests may enter houses. Apply a 5-foot band of granules uniformly. Water lightly after application. Repeat as necessary.	3.2 oz. For each 100 sq. ft. area (5' by 20")
Overall Lawn Application for Grass and Dichondra Lawns	Ants, Armyworms, Brown dog ticks, Chinch bugs, Clover mites, Crickets, Cutworms, Earwigs,	Apply with a fertilizer spreader. See spreader setting chart on the side of bag. 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

		<p>apply in cool weather, 65 - 80F, or in early morning or late evening hours. Treat new mounds as they appear. Fast acting, works within 24 hours. (No waiting for weeks).</p>	
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(OPTIONAL DIRECTIONS)

OPTION A

BAND TREATMENT AROUND HOUSE

General Directions

The following pests are commonly found around or near foundations of houses as well as in lawns. Some of these pests may enter the home. Apply a 3 to 5 foot band of granules next to the house's foundation.

INSECTS: Ants, Fleas, Brown dog ticks, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (Pillbugs)

RATE: 3.2 oz. for each 100 sq. ft. area (5 ft. by 20 ft.)

HOW TO USE: Distribute granules evenly. Water lightly after application. Repeat as necessary.

SPOT TREATMENT FOR ANTS

RATE: Apply 1 - ½ teaspoons over and around each ant hill.

HOW TO USE: Water lightly after application. Repeat as necessary.

OPTION B

BAND TREATMENT AROUND HOUSE

1. PERMETHRIN 0.25% GRANULES kills ants, as well as fleas, brown dog ticks, clover mites, crickets, earwigs, millipedes, roaches, sowbugs (pillbugs), spiders, silverfish and other pests.
2. Break the seal and open the pop-top cap.
3. Evenly sprinkle granules in a 3 to 5 foot wide band along the foundation of your home. Granules should be spaced like the ones pictured below (show picture). Use rate = 3.2 oz. for each 100 sq. ft. Area (5"x 20').
4. Gently water treated areas. Repeat as necessary.

USE TIPS

1. Try to get even coverage throughout your barrier band.
2. Reapply after hard rains to areas where down spouts empty.

SPOT TREATMENT FOR ANTS

1. Evenly sprinkle granules over and around each ant hill.
2. Use $\frac{1}{2}$ oz. (1 - $\frac{1}{2}$ teaspoons) per ant hill. (NOTE: This package will effectively treat 64 ant hills.) [The note is for a 2 pound package.]
3. Gently water treated areas. Repeat as necessary.

STORAGE AND DISPOSAL

Storage: Store product in original container in a locked storage area.

Disposal: Do not reuse empty container. Wrap container and put in trash collection.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

