

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (HQS150) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 51036-372	Date of Issuance: JAN -7 2002
		Term of Issuance: Conditional	
		Name of Pesticide Product: Permethrin 0.5%G Homeowner	
(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): Micro Flo Company 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 labeling changes listed below before you release the product for shipment: a. Add the phrase "EPA Registration No. 51036-372". b. Under ACTIVE INGREDIENT change Permethrin "0.5%G" to "0.5%". c. Under FLEA AND TICK CONTROL (OUTDOORS) NOTE: change "cat" to "cats".			
Signature of Approving Official:		Date:	

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d. Revise the Storage and Disposal section in accordance to PR Notice 2001-6.

e. Under General Directions add "Do not use food utensils such as teaspoons or measuring cups for food purposes after use with pesticides."

f. Under Directions for Use add "Not for use on plants being grown for sale or other commercial seed production or research purposes.".

3. Submit two (2) copies of your final printed labeling 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 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.

Enclosure

PERMETHRIN 0.5%G HOMEOWNER
LAWN INSECT GRANULES

- KILLS INSECTS IN LAWNS
- LAWN & GARDEN INSECT CONTROL
- TREATS UP TO 5,000, 10,000, 15,000 SQ. FT
- CONTROLS HOME INVADING PESTS
- 10 POUNDS TREATS 5,000 SQ. FT.
- CONTROLS SURFACE AND FOLIAGE FEEDING PESTS
- FOR GRASS AND DICHONDRA LAWNS
- CONTAINS SYNTHETIC PYRETHROID
- FOR OUTDOOR USE ON HOME LAWNS
- CONTAINS PERMETHRIN
- READY TO USE
- PROVIDES CONTACT RESIDUAL CONTROL FOR UP To 4 WEEKS

KILLS - Ants, Armyworms (including Fall, Yellow striped, etc.), Bear Tick, Bermudagrass Mites, Billbugs, (adult), Black Legged Tick, Boxelder Bugs, Brown Dog Tick, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Ticks, Digger wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetles, (in Dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beetle (adult), Lawn Moths, Leaf Hoppers, Lone Star Ticks, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (Inc. Black Widow), Spittlebugs, Springtails, Ticks, Vegetable weevils (in Dichondra), Western Black Legged Tick (*Ixodes pacificus*)

ACTIVE INGREDIENT:

*Permethrin: 0.5%G

INERT INGREDIENTS: 99.5%

TOTAL: 100.0%

*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2 dimethyl cyclopropanecarboxylate.

Cis/Trans ratio: Maximum 55% (+/-) cis and minimum 45% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

EPA Reg. No. 51036-GTE/372
NET CONTENT: ___ lbs.

EPA Est. No. 51036-GA-001

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

ACCEPTED
with COMMENTS
by EPA Office Director

JAN - 7 2002

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 51036-GTE/372

51036-372

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

EMERGENCY NUMBERS:

- Transportation or spill, call CHEMTREC 800-424-9300.
- Human health, call Poison Control Center at 800-900-4044.
- Animal health, call ASPCA at 800-345-4735.

ENVIRONMENTAL HAZARDS

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product inconsistent with EPA labeling.

READ ENTIRE LABEL BEFORE USING. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

PERMETHRIN 0.5%G HOMEOWNER is recommended for the control of lawn insects, fleas, and ticks outdoors in residential areas. Repeated applications are made by broadcast treatment with a spreader to lawns, under shrubbery, and other ornamental and turf grass areas, band treatments are recommended around the house foundation and spot applications are made to ant mounds and wasp nests.

STORAGE AND DISPOSAL

STORAGE: Store product in its original container in a cool dry locked place out of reach of children.

DISPOSAL: Completely empty bag into application equipment. Do not reuse empty container. Wrap bag and put in trash collection.

GENERAL USE DIRECTIONS

1. Determine size of area to be treated - measure and multiply length times width.
2. Determine appropriate spreader settings using chart
3. Treat as directed - Through coverage is important.
4. Water in with $\frac{1}{4}$ to $\frac{1}{2}$ inches of sprinkler irrigated water to release the insecticide from the granule where indicated.
5. Keep children and pets off treated areas until this material is washed into turf and grass is dry.

OVERALL LAWN TREATMENT FOR GRASS AND DICHONDRA LAWNS

To control: Ants, Armyworms (including Fall, Yellow striped, etc.), Bermudagrass Mites, Billbugs, (adult), Boxelder Bugs, Brown Dog Tick, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cockroaches, Crickets, Cutworms, Darkling Ground Beetles, Deer Ticks, Digger Wasps, Essex Skipper, European Crane Fly Larvae, Field Crickets, Fiery Skipper, Fire Ants, Flea Beetles (in Dichondra), Grasshopper, Hyperodes (Turfgrass Weevil), Japanese Beet (adult), Lawn Moths, Leaf Hoppers, Lone Star Ticks, Scorpions, Silverfish & Firebrats, Sod Webworms, Sowbugs, Spiders (including Black Widow), Spittlebugs, Springtails, Ticks, Vegetable weevils (in Dichondra).

Apply this product uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using granules at the rate of 2 pounds per 1,000 sq. ft. using a fertilizer spreader. See spreader setting chart below. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, water the lawn lightly. Re-treat as necessary.

European Crane fly larvae (Leatherjackets) - the best time to apply is in May or June when the insects are young.

Chinch Bugs - Start treatments when temperatures reach 80 F or above. A second application may be necessary in 6 weeks if insect activity continues.

FLEA AND TICK CONTROL (OUTDOORS)

In summer months, fleas and ticks frequently become established in lawns and pet resting areas surrounding the home. For best control of Fleas and Ticks (including but not limited to Bear Tick, Black-legged Tick, Brown Dog Tick, Deer Tick (Ixodes dammini), Lone Star Tick, Western Black-legged Tick, Wood Tick); a regular treatment program should be followed. Treat once a month when pests first appear in late spring (May - June) and continue until late summer (September - October). Fall temperatures below 50 F decrease pest activity. Eliminating weeds around the home and mowing lawns frequently reduces the hiding places for these pests.

NOTE: Dogs, cat, their kennel or bedding area should also be treated with a registered product. In addition, if fleas and ticks are indoors on carpets or pet resting areas, use a registered product to treat these areas. It is very important that all three sites - outdoors, indoors and also the pet itself be treated with appropriate labeled products to achieve satisfactory control. If any of these areas are not treated, it could serve as a source of reinfestation to the entire premise.

SOD WEBWORMS (Crambus Spp)

Sod webworms are the light brown caterpillars 1/4 to 3/4 inches long, that hide in the grass during the day and feed on the grass blades at night. Adult Webworms, usually referenced to as Lawn Moths (about 1 inch in length with long snout) emerge from the grass at dusk. They fly over the lawn laying eggs that later hatch into destructive caterpillars. Damage appears first as small brown spots which, if not treated, may rapidly develop into large brown areas of severely damaged or dead grass. If Lawn Moths (Sod Webworm adults) are noticed in large numbers at dusk, or at first sign of damage to lawn, treat entire lawn evenly.

BAND (PERIMETER) TREATMENT AROUND HOUSE FOUNDATION

To help prevent infestation of buildings by Ants, Boxelder Bugs, Brown Dog ticks, Centipedes, Cockroaches, Clover Mites, Crickets, Fleas, Scorpions, Sowbugs, Spiders (including Black Widow), Springtails (Collembola) and Ticks. Apply a 5-foot band of granules next to the house foundation. Distribute granules uniformly. Water lightly after application. Repeat as necessary.

SPOT TREATMENT

ANTS NESTING OUTDOORS - This product may be used outdoors for the control of ants, including, Acrobat, Argentine, Big Headed, Cornfield, Field, Harvester, Leafcutter, Little Black, Pavement and Pyramid Ants. If possible, it is best to try to locate nest and treat this first. Nests will usually be found in the ground but may be concealed under stones, boards, slabs or in stumps or logs. Product should be applied thoroughly. Cover the nest (1 to 2 teaspoons) and sprinkled gently with water. In addition to treating ant nests or mounds, entry points of buildings (used by ants) and the soil surface along the perimeter of the building should be treated.

DIGGER WASPS; Apply 1 to 2 teaspoons of granules in and around each individual ground nest opening. Make the application at dusk when the wasps are not active.

IMPORTED FIRE ANTS: Apply one cup over, and 2 feet around each fire ant mound. Immediately after application, water the granules into the soil gently with a light sprinkling to avoid disturbing the colony. Use at least 1 gallon of water per mound, but no more than 2 gallons. Use of high pressure watering equipment may disturb the colony and cause migration of the ants, thus reducing the effectiveness of the treatment. Apply in cool weather (65 - 80 F). or in early morning or late evening for best results. Treat new mounds as they appear.

SPREADER SETTINGS

Editor's Note to EPA: Numbers to be added to following table as appropriate to granule carrier used in product marketed.

Spreader Make and Model	Settings to Deliver:	
	2#/1000 sq.ft.	3#/1000 sq.ft.
Cyclone Broadcast	X	X
Greenview Jet Spread III	X	X
Greenview Drop Spread III	X	X
Republic Drop EZ530	X	X
Scotts AG3	X	X
Scotts SG3	X	X
Scotts EG3	X	X
Scotts PF4	X	X
Sears Craftsman Broadcast	X	X
Sears Craftsman Drop	X	X

Note: Spreader settings given are approximate and variation can occur between identical models. User should calibrate spreader by accurately weighing a few pounds into your spreader and applying to a measured area. Then adjust spreader setting if necessary to assure correct rate of application.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty or any other warranty of Merchantability or Fitness for a Particular Purpose, express or implied extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.