

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: 51036-326</p>	<p>Date of Issuance: SEP 25 2000</p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: Permethrin 2.5% Concentrate</p>	
<p>Name and Address of Registrant (include ZIP Code): Micro Flo Company P.O. Box 5948 Lakeland, FL 33807</p>		
<p>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.</p>		
<p>In the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 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: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 51036-326". b. Qualify the heading Trees, Shrubs and Flowers to read "Ornamental Trees, Shrubs and Flowers". c. Change "destroy" to "damage" throughout labeling. 		
<p>Signature of Approving Official:</p>		<p>Date:</p>

page 2
EPA Reg. No. 51036-326

c. Revise the first sentence under Environmental Hazards to read: "This product is extremely toxic to fish and other aquatic organisms.".

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

EDITOR's NOTE: Italicized text = optional language for marketing or packaging purposes.

PERMETHRIN 2.5% CONCENTRATE

For Outdoor Use Around The Home Only
One quart treats 5,000 sq. ft.

This product kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs: Ants, Bagworms, Aphids, Borers, Armyworms, Chinch Bugs, Inchworms, Spider mites, Green fruitworms, Beetles, Fleas, Cicadas, Thrips, Leafhoppers, Cutworms, Sod webworms, Leafrollers, Whiteflies, Moths, Weevils.

Also kills Alfalfa loopers, Brown dog ticks, Budworms, Cabbageworms, Citrus black flies, Cluster flies, Codling moths, Corn earworms, Crickets, Earwigs, Elm spanworms, Fall cankerworms, Gnats, Grasshoppers, House flies, Japanese beetles, Leafminers, Lone star ticks, Lygus bugs, Mealybugs, Millipedes, Mole crickets, Mosquitoes, Navy orangeworms, Scales, Sowbugs (pillbugs), Spring cankerworms, Tent caterpillars, Tobacco budworms and many others.

ACTIVE INGREDIENT:	By Wt.
Permethrin*	2.5%
OTHER INGREDIENTS:	97.5%
TOTAL:	100.0%

*Cis/trans isomer ratio: Min. 55% \pm cis and Max. 45% \pm trans

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

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.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 25 2000

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

51036-326

See Elsewhere on Label for Additional Precautionary Statements.

EPA Reg. No. 51036-GEA

EPA Est. No. 51036-GA-001

Net Contents: _____

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

EDITOR'S NOTE: The following is optional language for the front panel of retail containers.

- Protects home lawns, roses, flowers, trees & shrubs, houseplants
- Controls (kills) ants, aphids, chinch bugs, cutworms, fire ants, fleas, beetles, grubs, mites, sod webworms and many other listed insects.
- Guaranteed to kill termites**
- Do it yourself pest control
- Kills termites (including dry-wood termites)
- Controls (kills) wood destroying pests including termites**
- For use around foundations, outside buildings, porches, wood piles (do not use on firewood), wooden fences and decks (patios)
- Creates an insect barrier around your home
- Keeps killing for weeks
- Can't be washed away (in rain)
- Won't wash away (in rain)
- Long lasting!
- Kills & repels bugs in your backyard (yard) for 4 weeks!
- Kills & Repels mosquitoes, flies, gnats, ants, fleas, ticks, and other annoying pests!
- Lets you enjoy your backyard again!
- Creates a bug barrier in (around) your yard for 4 weeks!
- Keeps annoying insects away for 4 weeks!
- Keeps bugs out of your yard for 4 weeks!
- Lasts for 4 weeks!
- Kills bugs fast!

**Not a replacement for routine termite inspection and treatments when termite activity is discovered. For active termite inspection get a professional inspection.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, 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 pesticide is extremely toxic to fish. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

STORAGE AND DISPOSAL

Store in a cool, dry area away from heat or open flame. Do not reuse container. Rinse thoroughly before discarding in trash.

DIRECTIONS FOR USE

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

Kills troublesome outdoor insects, which destroy lawns, roses, flowers, trees and shrubs, or annoy pets and people. (refer to label directions for specific insects controlled)

Contains permethrin, a long lasting insecticide that proves contact and residual control for up to 4 weeks of many hard-to-kill sucking and chewing insects.

THREE EASY STEPS TO MIX AND APPLY:

Step #1: For lawns, measures the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray.

Step #2: Use a clean sprayer. Carefully measure and mix the amount of concentrate and water as directed.

Step #3: Spray as directed. Thorough coverage is important. Flush

sprayer with clean water after each use. Make applications when insects first appear. Repeat applications as directed. See directions for complete insect list.

Use dilution rates as indicated.

1 fl. oz. = 6 tsp. or 2 Tbsp.;

8 fl.oz. = $\frac{1}{2}$ pint or 1 cup.

OUTDOORS

HOME LAWNS		
LAWNS	PESTS	DIRECTIONS
Bent, bermuda, Bluegrass, Dichondra, Fescue, Irish moss, Merion, St. Augustine	Armyworms, Brown dog ticks, Chinch bugs, Cutworms, Fleas, Japanese beetle grubs, Mole crickets, Sod webworms	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. For heavy infestations, repeat application after 2 weeks. For ants, crickets and grasshoppers, use 2 fl. oz. in 3 gallons of water to cover 1,000 sq. ft. For other listed insects, use 6 fl. oz. in 10 gals. of water to cover 1,000 sq. ft.
	Ants, Crickets, Grasshoppers	
	Fire Ants	Mix 6 fl. ozs. in 1 gallon of water to treat one mound. Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4-foot diameter. For best results, apply in cool weather, 65 - 80 F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies, which may not have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

ORNAMENTAL TREES & SHRUBS

Use 1 fl. oz. in 1 gallon of water. Apply as a thorough spray, wetting leaves and branches to the dripping point. Try to penetrate dense foliage.

PLANTS	INSECTS	DIRECTIONS
Arizona Cypress, Azalea, Birch, Non-bearing Cherry, Non-bearing Citrus, Conifers, Elm, English ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Cankerworms (Fall), Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed), Webworms (Fall), Whiteflies	Spray in the late afternoon or evening, when the temperature ranges from 50° to 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.
Conifer	Budworms	
Elm	Elm leaf beetles, Elm Spanworms, Fall Webworms	
Douglas and Grand Firs	Tussock Moths	
Non-bearing Citrus	Citrus Black Flies	
Oak	Oakworms	
Pine	Pine Beetles, Pine Moths, Pine needle Miners, Needle scales	

ROSES & FLOWERS

Mix 1 fl. oz. in 1 gallon of water. Apply as a thorough spray, wetting the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

PLANTS	INSECTS	DIRECTIONS
Ageratum, Aster, Azalea, Begonia, Coleus, Common ninebark and snowberry, Exacum, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Orchid, Pansy, Pea shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms, Cicadas, Cankerworms (Fall), Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed), Webworms (Fall), Whiteflies	Spray in the later afternoon or evening, when the temperature ranges from 50° to 75° F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary; use intervals of 4-8 days. Application can be made up to the day of collection.

ORNAMENTAL HOUSE PLANTS

Contact and residual spray. Mix 1 fl. oz. in 1 gallon of water. Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size.

PLANTS	INSECTS	DIRECTIONS
<p>INDOORS: To protect plants in greenhouses and lathhouses, and for indoor landscaping.</p> <p>Ageratum, Ardisia, Aster, Azalea, Baby's breath, Begonia, Birdsnest fern, Bleeding heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscornb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Pant, Verbena, Zinnia</p>	<p>Aphids, Armyworms, Corn earworms, Exposed thrips, Cankerworms (Fall & Spring), Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider mites, Thrips (exposed), Whiteflies</p>	<p>Spray directly on insects. If application is to be made indoors, spray plants in an area not likely to be occupied by people or pets (particularly fish). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on ferns, palms and fuchsia. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and, therefore, a wide variety of susceptibility to injury. To test for possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury. Repeat applications may be necessary to control citrus blackflies on non-bearing citrus and adult Japanese beetles on roses.</p>
Chrysanthemums	<p>Armyworms, Cabbageworms, Cutworms, Leafrollers</p>	
Velvet plants	Fungus gnats	

NUISANCE PESTS IN OUTDOOR AREAS

Mix 6 2/3 fl. oz. in 1 quart of water and treat 400 linear feet with a 6-inch spray band.

WHERE	INSECTS	DIRECTIONS
Outside Surfaces of buildings	Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs)	To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.
Other Outdoor Areas	Ants, Crickets, Earwigs, Fleas, Lone star ticks	For localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For Ants, thoroughly wet hills and runways. Repeat application as reinfestation occurs.
	Flies (Cluster and House), Flying moths, Gnats, Mosquitoes	Use as an aid in reducing annoyance from these insects, spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate. Repeat as necessary.
	Tent caterpillars	Apply when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

WOOD-INFESTING INSECTS INCLUDING TERMITES:

WOOD-INFESTING INSECTS (INCLUDING TERMITES): For Beetles (Furniture, Deathwatch, False powderpost, Longhorned, Powderpost, Carpenter ants (and other wood-infesting ants), Carpenter bees and Termites (for localized control only) (including dry-wood termites):

Treat outside surfaces of building, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garage areas and other areas where you may find these pests.

Mix 10-fl. oz. with 1 gallon of water to treat 100 sq. ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low-pressure spray. Repeat treatment as needed to maintain effectiveness. Do not spray into electrical outlets or utilities.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur, also around fenceposts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied.

For carpenter ants, spray around doors and windows and other places where ants may enter or crawl and hide. Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present.

For carpenter bees, spray or inject into holes and tunnels already made by the bees with a tank sprayer, and spray areas where they are beginning to build tunnels into the wood.

For termites** (including dry-wood termites): treat as for other wood-infesting insects. Re-treat as needed to maintain effectiveness. For localized control only.

****USE OF THIS TYPE OF PRODUCT TO CONTROL (KILL) TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR. FOR ACTIVE TERMITE INFESTATIONS GET A PROFESSIONAL INSPECTION.**

OPTIONAL HOSE END SPRAYER DIRECTIONS

- Perfect before picnics & parties!
- Connect & Spray
- Connect & Spray the right amount every time!
- Connect & Spray Your Bugs Away!
- Easy-to-Use Spray Ready Nozzle

PERMETHRIN 2.5 EC kills and repels insects that invade your yard and attack your lawn, as well as valuable trees, shrubs and flowers. One quart of this formula will treat a 5000 sq. ft. lawn.

STOP! Read all instructions inside before using.

1. Keep people or pets off treated areas until the spray has dried.
2. Connect a garden hose to the hose end sprayer.
3. Make sure the water control valve on the nozzle is in the OFF position.
4. Turn on water at faucet. Extend hose to the farthest area to be treated and work back towards faucet.
5. To begin spraying, point nozzle toward lawn or plants to be treated and turn the water control valve to the ON position.
6. Turn the product control valve to the open position. Water will automatically mix with the product.
7. Spray until wet to control insects listed below. .
8. To STOP spraying turn water control valve to the OFF position. Turn the product control valve to the closed position. Turn off water at faucet. To relieve pressure, turn water control valve to ON position and wait until water stops spraying before removing sprayer from hose.

Store sprayer out of reach of children.

HOME LAWNS

PERMETHRIN 2.5 EC will control (kill) Ants, Armyworms, Crickets, Cutworms, Chinch Bugs, Fleas, Grasshoppers, Mole Crickets, Mosquitoes, Brown Dog Ticks and Sod Webworms in (on) Bentgrass, Bermudagrass, Bluegrass, Fescue, Irish moss, Merion and St. Augustine lawns.

TREES, SHRUBS and FLOWERS

Chemsico Lawn & Garden Insect Control will control (kill) Aphids, Bagworms, Budworms, Citrus black flies, Cicadas, Elm leaf beetles, Elm Spanworms, Fall cankerworms, inchworms, Leafminers, Leafrollers, Mealybugs, Needle scales, Oakworms, Pine beetles, Pine moths, Pine needle miners, Spider mites, Exposed thrips, Fall webworms, Tussock moths, and Whiteflies on Ageratum, Aster, Arizona Cypress, Azalea, Begonia, Birch, Cherry, Non-bearing Citrus, Coleus, Common ninebark and snowberry, Conifers, Elm, English Ivy, Euonymus, Exacum, Weeping Fig, Fir, Gladiolus, Gold Bells, Honeysuckle, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea shrub, Petunia, Philodendron, Pine, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Tulip, Poplar and Zinnia.

USE TIPS

- Home lawns should be no taller than 3 inches at time of application
- Wet down lawns a few hours before applying
- Application to trees, flowers, and shrubs should be made when the temperature is between 50°F and 75°F.

OPTIONAL CLAIMS AND DIRECTIONS FOR A TERMITE ONLY PRODUCT

Signs of Termites

- Swarming or flying termites in the house, especially near sources of light
- small wings or sawdust near windows, doors or in the garage
- Mud tunnels along the foundation of the house, inside or outside
- Small holes in the wood or buckling paint

Steps you can take to reduce the risk of getting termites

- Eliminate any sources of moisture for termites. Check for leaky indoor pipes, outdoor water spigots, sump pumps or sprinklers. Look for any areas that stay moist for a long time, such as mulch or under bricks or large rocks and ensure that water flows away from your home. Also check for interior leaks in pipes or from roof drainage. Pay particular attention to areas near kitchens or bathrooms, and attached porches or decks.
- Remove potential food sources that will attract termites near your home. These include direct wood-to-soil contact (fences, stairs, trellises), wood piles, stumps, or dead bushes and other wood debris. Wood should be separated from the soil by at least 18 inches.

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.

Keep people or pets off treated areas until the spray has dried.

HOW TO USE

SHAKE WELL BEFORE USING. Mix 10-fl. oz. with 1 gallon of water to treat 100 sq. ft. Spray infested surfaces until thoroughly wet, avoiding dripping, and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low-pressure spray. Re-treat as needed to maintain effectiveness. Do not

spray into electrical outlets or utilities. Do not permit contact with treated surfaces until spray has dried.

Treat outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garbage areas and other areas where you may find these pests.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur, also around fenceposts, wood piles and tree stumps. Applications may be made to inaccessible areas by drilling and then injecting the solution with a tank sprayer.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied.

FOR LOCALIZED CONTROL ONLY.

USE OF THIS TYPE OF PRODUCT TO CONTROL (KILL) TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR. For active termite infestations get a professional inspection.

Seller is not responsible for structural damage cost.