

51036-313

7-27-2001

1/10

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

278603

## Application for Pesticide - Section I

1. Company/Product Number Micro Flo Company/ 51036-313	2. EPA Product Manager george T. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Micro Flo Company/ Permethrin 10 %EC	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Micro Flo Company LLC P.O. Box 772099 530 Oak Court Drive, Suite 100 Memphis, TN 38117-2099 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: <b>NOTIFICATION</b> EPA Reg. No. _____ Product Name _____ JUL 27 2001 (per G. LaRocca)	

## Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification to ADD the marketing claims 'controls fleas and ticks on dogs' &amp; 'Use on cattle, horses, goats, sheep and poultry'

## Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted			
If "Yes" Unit Packaging wgt. No. per container		If "Yes" Package wgt No. per container	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1 qt, 1gal	
		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other _____	

## Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Matthew talley		Title Federal Registrations Specialist	
		Telephone No: (Include Area Code) 901-432-5131	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 		3. Title Federal Registrations Spec.	
4. Typed Name Matthew talley		5. Date 6-19-01	

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



Matthew Talley  
Federal Registrations Specialist

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3/10

READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON DOGS

NOTIFICATION  
JUL 27 2001

**PERMETHRIN 10% EC**

FOR USE OUTDOORS AND IN HOMES AND NON-FOOD AREAS OF COMMERCIAL BUILDINGS, INSTITUTIONS, WAREHOUSES, THEATERS, OFFICE BUILDINGS, SCHOOLS, MOTELS, HOTELS, RESTAURANTS, KENNELS AND FOOD/FEED PROCESSING ESTABLISHMENTS.

**CONTROLS FLEAS AND TICKS ON DOGS. USE ON CATTLE, HORSES, GOATS, SHEEP AND POULTRY.**

FOR USE ONLY BY PEST CONTROL OPERATORS AND COMMERCIAL APPLICATORS. NOT FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS.

KILLS GYPSY MOTH CATERPILLARS AND JAPANESE BEETLES

ACTIVE INGREDIENT:

\*Permethrin ..... 10.0%

INERT INGREDIENTS:..... 90.0%

TOTAL: ..... 100.0%

\*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2-2-dimethylcyclopropanecarboxylate.

Cis/trans isomer ratio: Max. 55% (+/-) cis and min. 45% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional Precautionary Statements

EPA Reg. No. 51036-313

EPA Est. No. 51036-GA-001

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

## 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.

NOTE TO PHYSICIAN: This product may pose an aspiration pneumonia hazard. Contains petroleum distillates.

## PRECAUTIONARY STATEMENTS

## Hazards To Humans &amp; Domestic Animals

## CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid breathing vapor. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Wear full-faced gas mask with canister type recommended for general insecticide protection for applying indoors as a space spray or fog. A NIOSH approved dust mist filtering respirator with the MSHA/ NIOSH approval number prefix TC-21C or a NIOSH approved respirator with any R,P, or HE filter must be worn by all applicators when applying indoors as a space spray or fog.

## EMERGENCY NUMBERS:

- Transportation or spill, call CHEMTREC 800-424-9300.
- Human health, call Poison Control Center at 800-500-4044.
- Animal health, call ASPCA at 800-345-4735.

## ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and other aquatic organisms. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

## PHYSICAL HAZARDS

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. Do not use this products in or on electrical equipment due to the possibility of shock hazard.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

### CONTAINERS LARGER THAN ONE GALLON:

Metal Containers - Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Plastic Containers - Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Glass Containers - Triple rinse (or equivalent) then dispose of in a sanitary landfill or by other approved state and local procedures.

6/10

## DIRECTIONS FOR USE

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

Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

For maximum effectiveness, a combination of localized application and space treatment is recommended. Remove pets, birds and cover fish aquaria before spraying.

Do not use on food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

NON-FOOD/FEED AREAS including (but not limited to) garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling.)

## INDOOR USE AREAS

Bakeries	Hospitals	Railroad Cars
Beverage Plants	Hotels	Restaurants
Canneries	Industrial Installations	Schools
Flour Mills	Kennels	Ship Holds
Food Processing Plants	Meat Packing Plants	Supermarkets
Grain Elevators	Motels	Truck Trailers
Granaries	Office Buildings	Warehouses
Homes		

AS A SURFACE SPRAY: For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.7 ounces per gallon).

For normal infestations, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon.)

To control Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sow Bugs, Pill Bugs, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Mealworms, Grain Mites And Cadellles:

Use a good sprayer adjusted to deliver a course wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

TREATMENT OF FLYING INSECTS RESTING PLACES TO AID IN CONTROL OF: Mosquitoes, Wasps, Gnats, Skippers: Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places using the above dilution of 1 part concentrate in 19 parts water.

Do Not Apply As An Ultra Low Volume (ULV) Application.

#### OUTDOOR USE AREAS

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes, or climate modification and being grown in interior landscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Corrals	Gardens	Recreational Areas
Drive-In Restaurants	Golf Courses	Urban Areas
Drive-In Theaters	Parks	Zoos
Feedlots	Playgrounds	

TEMPORARY REDUCTION OF ANNOYANCE FROM: Flies, Gnats, Mosquitoes. In drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds and other recreational areas: Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water.) Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Application should be made prior to use. Repeat application every 7 - 10 days as reinfestation occurs.

In the treatment of corrals, feedlots, swing lots and zoos: Cover any exposed water drinking fountains and animal feed before applications. Fill the area with mist and direct the spray into

8/10

tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product. Repeat as necessary.

To kill Gypsy Moth Caterpillars And Adults, Adult Japanese Beetles, and Eastern and Forest Tent Caterpillars on contact: Combine 3.2 fluid ounces of concentrate per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

On Trees and Shrubs: Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

On Roses and in Flower Gardens: Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

TO CONTROL CARPET BEETLES: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks closets and infested areas of shelving. Repeat treatment as needed.

TO Control BEDBUGS: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings, and floors. Allow all treated articles to thoroughly dry before use. Repeat application every 7 - 10 days as reinfestation occurs.

RESIDUALLY CONTROLS FLEAS AND TICKS ON DOGS FOR 35 DAYS. Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor coverings. Fresh bedding should be placed in animal quarters following treatment. To kill Fleas and Ticks on dogs, and to obtain protection against reinfestation, dilute 1 part concentrate to 100 parts water (1.28 ounces per gallon). Using protective gloves (mitts), wet the animal by dipping or spraying.

DO NOT TREAT PUPPIES LESS THAN TWELVE WEEKS OLD. CONSULT A VETERINARIAN BEFORE USING THIS PRODUCT ON DEBILITATED, AGED, PREGNANT OR NURSING ANIMALS

AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate to 19 parts water (6.7 fluid ounces per gallon). Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of House Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies,



Angoumois Grain Moths and Tobacco Moths: Direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1,000 cu. ft. of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible stages of other insects named on this label: Dilute 1 part concentrate in 19 parts water (6.7 ounces per gallon). Apply using conventional, mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1,000 cu. ft. of space.

TREATMENT ON ANIMALS AND ANIMAL QUARTERS: To aid in control of Horn Flies, Face Flies, Houseflies, Mosquitoes, Gnats, Stable Flies, Horse Flies, Deer Flies, Blood Sucking Lice, Poultry Lice, Bedbugs, Mites, Fleas and Ticks: Dilute this product at a rate of 1 part concentrate in 19 parts water (6.7 ounces per gallon).

ON LIVESTOCK: To protect cattle (beef and dairy), goats, sheep, hogs, and horses from horn flies, face flies, houseflies, mosquitoes, and gnats: Apply a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes.

TO CONTROL STABLE FLIES, HORSE FLIES AND DEER FLIES: Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

TO CONTROL BLOOD-SUCKING LICE: Apply to the infested areas of the animal using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

TO CONTROL POULTRY LICE: Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

TO CONTROL BEDBUGS AND MITES IN POULTRY HOUSES: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

ON DOGS: To control Fleas, Ticks, and Lice: Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat application every 7 - 10 days as reinfestation occurs.

NOTE: Not recommended for use on puppies less than 12 weeks old.

10/10

TO CONTROL CLOTHES MOTHS: Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus, and other storages directing the spray into cracks, joints, and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

TO KILL LICE AND LOUSE EGGS: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

#### OUTDOOR APPLICATION

Dilute at a rate of 1 part concentrate in 19 parts water (6.7 ounces per gallon).

FOR CONTROL OF GARDEN INSECTS: For use on roses, dahlias, asters and other ornamental to kill Japanese Beetles hit by spray as well as Whiteflies, Aphids, Exposed Thrips, Spiders, Red Mites and Leaf Miners.

May be used on plants as a multi-purpose spray in small gardens and for spot treatment of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, eunonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against Whiteflies, Aphids, Spider And Red Mites, Exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90° F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

NOTICE: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.