

51036-396

07/16/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave. N.W.
Washington, D.C. 20004

EPA Reg. Number:

51036-396

Date of Issuance:

JUL 16 2003

Term of Issuance: Conditional

Name of Pesticide Product:

Bifenthrin 0.2%G Nursery

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Micro Flo Company LLC
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), subject to the following provisions:

1. Make the following label changes:
 - a. Revise the EPA Registration Number to read "EPA Reg. No. 51036-396"
 - b. Insert the missing text in the second-to-last sentence of the first paragraph in the Agricultural Use Requirements box. The corrected sentence should read: "It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval."
 - c. At your discretion you may delete the oral (If Swallowed), inhalation (If Inhaled) and ocular (If in Eyes) First Aid statements, since the product is classified in acute toxicity category IV by these routes of exposure.
2. Submit or cite data to satisfy the 1-year storage stability (Guideline 830.6317) and corrosion characteristics (Guideline 830.6320) data requirements. EPA acknowledges that you submitted data to fulfill these guidelines under the identical product file symbol 51036-GII (Bifenthrin 0.2% G GC). These data are currently under review. We will notify you of the results of our review once it is completed.

Signature of Approving Official:

Susan L. Stanton, for George T. LaRocca

Date:

JUL 16 2003

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3. Micro Flo Company LLC has agreed to comply with the conditions of continued and future registration as stipulated in the Agency's June 13, 2000 letter (Jim Jones to C.E. Formby).
4. In May, 2003 the Agency conditioned the registration of FMC Corporation's technical bifenthrin product with a new data requirement (Developmental Neurotoxicity Study; EPA Guideline 870.6300). Please be aware that as the manufacturer of another technical bifenthrin product (EA Registration Number 51036-390), Micro Flo will also be subject to this data requirement.
5. Submit two (2) copies of your final printed label 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 bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,

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

Enclosures

**BIFENTHRIN 0.2%G NURSERY
INSECTICIDE**

For Agricultural or Commercial Use Only

For Use as a Quarantine Treatment Against Imported Fire Ants and
for Balled and Containerized Nursery Stocks

| | |
|-------------------------|--------|
| ACTIVE INGREDIENT: | By Wt. |
| Bifenthrin*..... | 0.2% |
| INERT INGREDIENTS:..... | 99.8% |
| TOTAL:..... | 100.0% |

*Cis isomers 97% minimum, trans isomers 3% maximum.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

KEEP OUT OF REACH OF CHILDREN

CAUTION

JUL 16 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
51036-326

See other panels for additional precautionary information.

EPA Reg. No. 51036-GOA/396

EPA Est. No. 51036-GA-001

NET CONTENTS:

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

FIRST AID

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.

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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

Note to Physician: This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

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.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long sleeved shirt and long pants
2. Waterproof gloves
3. Shoes and socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users Should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry to treated areas during the restricted entry interval (REI) of 12 hours.

EXCEPTION: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:

1. Coveralls.
2. Waterproof gloves.
3. Shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly. In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

TO CONFINE SPILL: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

CONTAINER DISPOSAL: Paper and plastic bags: 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.

ORNAMENTAL USE

(For soil incorporation into potting media used in containerized plantings of ornamental trees, shrubs, plants, flowers, conifers, Christmas trees, and nonbearing fruit and nut trees, and bushes.)

APPLICATION INSTRUCTIONS FOR POTTING MEDIA: Determine bulk density of the potting media by measuring the dry weight of a unit volume of the mix. Based on the length of control required, thoroughly mix the appropriate quantity of the BIFENTHRIN 0.2%G NURSERY insecticide with equipment suitable to give uniform distribution in the potting media. BIFENTHRIN 0.2%G NURSERY insecticide may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product of the mix.

BIFENTHRIN 0.2%G NURSERY insecticide is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the recommended application rates given in the table below to determine the length of control required for certification.

| Pest | USDA IFA Certification Period (months) | App. Rate (ppm) | Potting Media Bulk Density* | | | | |
|-------------------|--|-----------------|--|------|-----|------|-----|
| | | | (lbs. BIFENTHRIN 0.2%G Nursery Per Cubic Yard) | | | | |
| | | | 200 | 300 | 400 | 500 | 600 |
| Imported Fire Ant | 0 - 6 | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| | 7 - 12 | 12 | 1.2 | 1.8 | 2.4 | 3.0 | 3.6 |
| | 13 - 24 | 15 | 1.5 | 2.25 | 3.0 | 3.75 | 4.5 |
| | Continuous | 25 | 2.5 | 3.75 | 5.0 | 6.25 | 7.5 |

Comments: Incorporate appropriate amount of BIFENTHRIN 0.2%G NURSERY insecticide in one cubic yard of potting media based on the known bulk density.

FOR GENERAL USE ON ORNAMENTAL PLANTS OUTSIDE THE SCOPE OF USDA GUIDELINES

For Fungus Gnat larvae & Mealybugs use 5 to 10 ppm. For Black Vine Weevil larvae, Root Weevil larvae, White Grubs (including Japanese Beetle, oriental beetle and European chafer larvae), & Imported Fire Ants use 10 to 25 ppm. Use the higher rates for extended residual control.

| Pest | App. Rate (ppm) | Potting Media Bulk Density* | | | | |
|--------------------|-----------------|--|------|-----|------|-----|
| | | (lbs. BIFENTHRIN 0.2%G Nursery Per Cubic Yard) | | | | |
| | | 200 | 300 | 400 | 500 | 600 |
| Fungus Gnat larvae | 5 | 0.5 | 0.75 | 1.0 | 1.25 | 1.5 |
| Mealybugs | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| Black Vine Weevil | 10 | 1.0 | 1.5 | 2.0 | 2.5 | 3.0 |
| Root weevil larvae | 15 | 1.5 | 2.25 | 3.0 | 3.75 | 4.5 |
| White Grubs | 25 | 2.5 | 3.75 | 5.0 | 6.25 | 7.5 |
| Imported Fire Ants | | | | | | |

Comments: Incorporate appropriate amount of BIFENTHRIN 0.2%G NURSERY insecticide in one cubic yard of potting media based on the known bulk density.

*lbs. of BIFENTHRIN 0.2%G NURSERY insecticide per cubic yard

$$= \frac{\text{bulk density of potting media} \times \text{ppm}}{2000}$$

(bulk density = laboratory determined dry weight of a unit volume of potting media.)

Dealers Should Sell in Original Packages Only.

TERMS OF SALE OR USE

On purchase of this product buyer and user agree to the following conditions:

WARRANTY: MICRO FLO COMPANY makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

DIRECTIONS AND RECOMMENDATIONS: Follow directions carefully. Timing, method of application and weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

USE OF PRODUCT: MICRO FLO Company's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

DAMAGES: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.