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51036-237

Page 1 of 9



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
51036-237

Date of Issuance:
MAY 08 1996

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:
Conditional

Name of Pesticide Product:
Acephate PCO SP

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Micro Flo Co.
P.O. Box 5948
Lakeland, FL 33807

5503440 161/18

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 changes before the product is released for shipment:

- a. Add the designation, "EPA Reg. No. 51036-237".
- b. On page three in the second paragraph under the heading, "Directions:", clarify the outdoor use sites in the sentence, "Apply as an outdoor treatment for control of ants, including imported fire ants and other listed pests." by referencing the outdoor use sites as listed elsewhere on the label in the directions for control of these pests; i.e. perimeter treatment and other non-crop areas.
- c. Add the following Worker Protection Standard statements as specified in supplement F, PR Notice 93-11 for products intended for use on rangeland, rights-of-way or other non-crop areas. Please refer to the enclosed copy of page seven of this supplement.

Signature of Approving Official:

Date:

MAY 08 1996

299

"For use on plants in non-crop and non-timber areas only. Not for use on crops, or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes."

d. Revise the "Environmental Hazards" section to read as follows.

"This product is toxic to birds. 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 contaminate water by cleaning of equipment or disposal of wastes.

3. Submit your revised Confidential Statement of Formula (CSF) showing the following corrections within 30 days of the date of this Notice.

a. Correct the current designation, "alternate" to "basic".

b. Correct the upper and lower certified limits for both the active ingredient and the inert ingredient. Your current CSF dated April 28, 1995 has these values reversed.

4. Provide the outstanding generic data listed on the attachment A to this Notice within the established timeframes as noted on this attachment. These data have been identified as being pertinent to the use patterns appearing on the subject product labeling.

5. Should it be determined that additional product chemistry data/information are needed on the subject formulated product, submit such data/information within 6 months of our notification of such determination. The product chemistry data submitted in support of the subject formulated product is currently under evaluation.

6. Submit two copies of the revised final printed label 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 yours,

Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (7504C)

Outstanding Acephate Generic Data As of 2/21/96

<u>Guideline #; Study</u>	<u>DCI Issuance Date</u>	<u>Due Date</u>
132-1(a);Foliar residue dissip.	(a) 3/1/94 (b) 3/3/95 (c) 10/13/95	3/21/95* 3/24/97 11/3/97
133-3;Dermal passive dosimetry expo.	(a) 3/1/94 (b) 3/3/95 (c) 10/13/95	3/21/95* 3/24/97 11/3/97
133-4;Inhal. passive dosimetry expo.	(a) 3/1/94 (b) 3/3/95 (c) 10/13/95	3/21/95* 3/24/97 11/3/97
231;Estimation,dermal expos.	(a) 3/1/94 (b) 3/3/95	3/21/96 3/25/96
232;Estimation,inhalation expos.	(a) 3/1/94 (b) 3/3/95	3/21/96 3/25/96
233:Estimation,dermal expos.	3/1/94	3/21/96
234;Estimation,inhalation expos.	3/1/94	3/21/96
82-5(b);90-day neurotox, mammal	10/15/92	*
81-8-SS;acute neurotox;rat	10/15/92	*

Footnotes:

* In cases such as these where the due date has passed, MicroFlo will be notified of new due dates, as will all registrants who have committed to providing the studies.

For the guideline nos. 132-1(a); 133-3; 133-4; 231; and 232, there were more than one DCI issued; each with its own unique data requirements and each with its own due dates.

ACEPHATE PCO SP
INSECTICIDE

For Use Only By Professional Applicators

Active Ingredient	By Wt.
*Acephate (O,S-Dimethyl acetylphosphoramidothioate)....	96.0%
Inert Ingredients	4.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water (or milk) and induce vomiting by touching the back of the throat with finger. If possible contact a physician, Poison Control Center, or emergency center before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center.

IF IN EYES: Wash eyes immediately with fresh water for at least 15 minutes. See a doctor if irritation persists.

IF INHALED: Remove person from exposure area.

IF ON SKIN: Wash skin with plenty of soap and water.

Note To Physicians: Acephate is a cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition appear, atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine but should not be used alone.

EPA Reg. No. 51036-EGT/237

EPA Est. No. 51036-GA-001

Manufactured By:
MICRO FLO CO.
P.O. BOX 5948
LAKELAND, FL 33807

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 08 1996

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

51036-237

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust, sprays, or vapors. Wash thoroughly with soap and water after handling. Remove and launder contaminated clothing before reuse. Do not allow children or pets to come into contact with treated surfaces until sprays have dried.

WORKER SAFETY

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR, AND CLEANING OF MIXING, LOADING AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE. Chemical-resistant gloves, long sleeved shirt, long legged pants, shoes and socks.

WORK SAFETY: Always wash hands, face and arms with soap and water before smoking, eating drinking, or toileting.

AFTER WORK: Before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal and protective clothing worn during work must be laundered separately from household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use.

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container.

Do not put concentrate or dilute into food or drink containers.

Store in cool, dry place.

Protect from excessive heat.

Do not store or transport near feed or food.

For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300

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

After insuring that both used packets and outer containers are empty, crush and dispose of in trash container.

GENERAL INFORMATION: Use ACEPHATE PCO SP for residual pest control in the areas listed by application as a 0.75% or 1.0% spray. Use the 0.75% rate for control of light infestations on nonporous surfaces and the 1.0% spray to quickly reduce heavy infestations. Activity of porous surfaces may be limited. Repeat treatment as needed. Not for use in feed processing areas in feed handling establishments.

Directions: Apply within Residential Buildings including Homes and Apartments; and within Industrial, Institutional, and Commercial buildings including Restaurants, Warehouses, Stores, Hospitals, Hotels, Manufacturing Plants and Ships.

Apply as an outdoor treatment for control of ants, including imported fire ants and other listed pests.

Desired Concentration Wt./Wt.	Grams Product In 1 Gal. Water	Ounces Product In 1 Gal. Water	No. of Packets In 1 Gal. Water
1/2%	19.5	0.7	1/2
3/4%	29.3	1.0	3/4
1%	39.0	1.4	1

Cockroaches, Ants, Crickets and Firebrats: Apply as a coarse, low pressure spot spray, crack and crevice spray or with a paint brush to localized areas where these pests are found or normally occur including corners of rooms and closets; around television sets and radios; along and behind baseboards; around and under sinks, dishwashers, washing machines, refrigerators, stoves and cabinets; areas where plumbing enters or leaves the room; or other areas inhabited by these pests.

Note: A period of 3 to 7 days may be necessary for ACEPHATE PCO SP to reach its maximum effect on cockroaches.

Earwigs, Pillbugs and Sowbugs: Apply as a coarse, low pressure spot spray to areas around doors and windows, storage areas, baseboards and other areas where these pests may enter or be found.

Pantry Pests- Exposed Stages (Confused Flour Beetle, Indian meal Moth, and Trogoderma): Apply ACEPHATE PCO SP at 1.0% as a spot application to pantry and cupboard shelves where food containers suspected of being infested are stored. Prior to spraying, remove

all foodstuffs, shelving paper and utensils. Do not replace the food packages until the surface has dried. Replace shelving paper. Infested food packages should be destroyed.

WASPS: Apply ACEPHATE PCO as a spot application at 0.5% to 1.0% to the nest, nest entrance, and surrounding areas where the wasps alight. Wasps are generally less active early and late in the day, so its advisable that nests should be treated during these times.

Perimeter Treatment: To control Cockroaches, Ants (including Imported Fire Ants), Pillbugs, and Earwigs apply ACEPHATE PCO at 0.5% to 1.0% to a band of soil 6 to 10 feet adjacent to the structure, also to a height of 2 to 3 feet on the foundation where pests may be active or may find entrance. Also, apply as a residual spray or with a paint brush to surfaces of buildings, window frames, shutters, entryways, screens, eaves, patios, garages, carports, around garbage areas and other areas where these pests congregate.

Note: When making Perimeter Treatments only foraging ants will be controlled.

Ants (Including Imported Fire Ants) in Mounds within a treated perimeter or other non-crop areas - In order to control a mound or nest, a drench treatment is necessary. For mound drench treatment dissolve one (1) packet (1.4 oz) of ACEPHATE PCO in a nine (9) gals. of water. Apply one (1) gal. of mix to each mound by sprinkling the mound until it is wet and treat a four (4) foot diameter circle around the mound.

For best results, apply ACEPHATE PCO SP in the early morning or late afternoon when ants are most active. Mound drench applications made under prolonged hot dry conditions may be ineffective due to the location of ants deep within the nest.

Note: Grass in treated areas may be injured. DO NOT treat a mound more than one per season.

For Application as Spot Treatment - Spot treatments may be applied at moderate pressures (up to 35 psi) using a coarse fan tip. For spot treatments, no individual spot will exceed two (2) square feet. Mix ACEPHATE PCO SP according to dilution chart. Apply as a spot treatment using coarse fan spray to areas inhabited by cockroaches. Treat areas such as baseboards, under and behind refrigerators, stoves, dishwashing and other equipment, as well as in storage areas, closets, sinks, cabinets, around windows, doors and water pipes. Spot treatment should also include underside of drawers, shelves and other sites where cockroaches frequent or travel.

Food Handling Establishments: For use in Federally Inspected Meat and Poultry Plants and places other than private residences in which exposed food is held, processed, prepared or served.

Food Areas - Application Limited to Spot and/or Crack and Crevice Treatment Only: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Spray concentration shall be limited to a maximum of 1.0% active ingredient. Apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin-stream of insecticide in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases, where labeled insects hide. Care should be taken to avoid depositing this product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Applications of this product in the Food areas of food handling establishments, other than as a spot and/or crack and crevice treatment are not permitted.

Non-Food Areas - Includes garbage rooms, lavatories, floor drains (to sewer entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage). Spray concentration shall be limited to a maximum of 1.0% active ingredient. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter.

Serving Areas - Facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held: Apply as a spot treatment to selective surfaces such as baseboards, under elements of construction into cracks and crevices. Avoid treating surfaces likely to be contacted by food. (Do not apply when facility is in operation or foods are exposed). Do not allow sprays or mist to contact food, foodstuffs or water supplies. Dishes and food handling utensils should be thoroughly washed in soap and water if exposed to contamination by the application of this product. Do not allow children or pets to contact treated surfaces until sprays have dried.

CAUTION: Do not apply directly to carpet as discoloration may occur. Do not treat unpainted masonry floors in poorly ventilated areas such as garages or basements, especially where moisture or high humidity exists since persistent odor could develop.

MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MICRO FLO. IN NO CASE SHALL

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MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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