

4/23/96

PM 14

51036-89

PS 1/26

Please read instructions on reverse before completing form

Form Approved OMB No 2070 0060 Approval expires 2 28 95



United States  
Environmental Protection Agency  
Washington DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
239114

Application for Pesticide - Section I

1 Company/Product Number Micro Flo Co./ 51036-89	2 EPA Product Manager Robert Forrest	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Micro Flo Co./ Ethion 4EC	PM# 14	
5 Name and Address of Applicant (Include ZIP Code) Micro Flo Company P.O. Box 5948 Lakeland, FL 33807 <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 EPA Reg No _____ Product Name _____	

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 _____

NOTIFICATION  
APR 23 1996

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

Notification of addition of pest "Brown Citrus Aphid" to use directions per PR Notice 95-2. Additional certification statements are attached to this form.

Section - III

1 Material This Product Will Be Packaged In				2 Type of Container	
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		<input checked="" type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt	No per container	If "Yes" Package wgt	No per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3 Location of Net Contents Information <input type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4 Size(s) Retail Container 2.5, 30, 55 gal.		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 Lee Tharrington	Title Registrations Assistant	Telephone No (Include Area Code) (941) 647-3608
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 (Stamp)
2 Signature 	3 Title Registrations Assistant	
4 Typed Name Lee Tharrington	5 Date 4/1/96	

ETHION 4EC

Miticide Insecticide For Agricultural or Commercial Use Only

ACTIVE INGREDIENT

Ethion (0,0 O'-O'-tetraethyl S S'-methylene bisphosphorodithioate

46 5%

INERT INGREDIENTS \*

53 5%

TOTAL

100 0%

\*Contains petroleum distillate 4 Pounds Ethion per gallon

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle (If you do not understand this label, find someone to explain it to you in detail )

STATEMENT OF PRACTICAL TREATMENT

Organophosphate

IF SWALLOWED Call a physician or poison control center Drink one or two glasses of water and induce vomiting by touching back of throat with finger Do not induce vomiting or give anything by mouth to an unconscious person

IF INHALED Remove victim to fresh air If not breathing, give artificial respiration preferably mouth-to-mouth Get medical attention

IF IN EYES Flush with plenty of water Get medical attention if irritation persists

IF ON SKIN Wash with plenty of soap and water Get medical attention

This product is an organophosphorus ester that inhibits cholinesterase

NOTE TO PHYSICIAN Active ingredient is a cholinesterase inhibitor Patient should be kept under observation for 48 hours Atropine is antidotal Give 4 mg Atropine sulfate intramuscularly or intravenously as soon as cyanosis is overcome Repeat every 15 minutes until patient is fully atropinized Pralidoxime (2-PAM) is also antidotal and should be administered in conjunction with Atropine Never give morphine

See additional Precautionary Statements Elsewhere on label

EPA Reg No 51036-89

-EPA Est No 51036-GA-1

Manufactured By  
MICRO FLO COMPANY  
P O BOX 5948  
LAKELAND FLORIDA 33807

PRECAUTIONARY STATEMENTS  
Hazards To Humans And Domestic Animals

WARNING

May be fatal if swallowed or absorbed through skin May cause eye injury Do not get in eyes, on skin or on clothing Avoid breathing spray mist

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical resistant to this product are listed below If you want more options follow the instructions for category G on an EPA chemical resistance category selection chart

Applicators and other handlers must wear

- 1 Coveralls over short-sleeved shirt and short pants
- 2 Chemical-resistant gloves, such as barrier laminate or viton
- 3 Chemical-resistant footwear plus socks
- 4 Protective eyewear
- 5 Chemical-resistant headgear for overhead exposure
- 6 Chemical resistant apron when cleaning equipment, mixing, or loading
- 7 For exposure in enclosed areas, use a respirator with either an organic vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC 14G)

For exposure outdoors use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product s concentrate Do not reuse them Follow manufacturer's instructions for cleaning and maintaining PPE If no such instructions for washables, use detergent and hot water Keep and wash PPE separately from other laundry

Engineering Control

Human flaggers must be in enclosed cabs The closed system or enclosed cabs must be used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170 240 (d) (4 6)] The handler PPE requirements may be reduced or modified as specified in the WPS

**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 toxic to fish, and aquatic invertebrates. Fish and aquatic invertebrates may be killed in areas where this pesticide is used. 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 when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation system.

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 and restricted-entry intervals. 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 into treated areas during the restricted-entry interval (REI) of 48 hours.

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 over short-sleeved shirt and short pants
- 2 Chemical-resistant gloves, such as barrier laminate or viton
- 3 Chemical-resistant footwear plus socks
- 4 Protective eyewear
- 5 Chemical-resistant headgear for overhead exposure

STORAGE AND DISPOSAL

Do not contaminate water food or feed by storage or disposal

PESTICIDE STORAGE Do not use or store near heat, open flame or hot surfaces 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, replace lids and close tightly Do not put concentrate or dilute material into food or drink containers Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal

IN CASE OF SPILL, avoid contact, isolate area and keep out animals and unprotected persons Confine spills

TO CONFINE SPILL If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay If dry material, cover to prevent dispersal Place damaged package in a holding container Identify contents

PESTICIDE DISPOSAL Pesticide wastes are toxic Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance

CONTAINER DISPOSAL 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 Do not cut or weld metal containers

RECOMMENDATIONS

Do not use in undiluted form Do not use if material does not emulsify Apply the listed amount per acre when insects first appear and repeat as required to maintain effective control Use in not less than 250 gallons of water per acre for ground application and a minimum of 10 gallons of water per acre for aerial application Coverage of upper and lower leaf surfaces is essential for good control Observe use limitations If insect control is required beyond the following use patterns, supplement the control program with other suitable pesticides

Observe days interval between last application and harvest indicated by number in ( ) following the crop

GRAPEFRUIT(0), LEMONS (21), LIMES (15), ORANGES (0), TANGELOS (15) TANGERINES (15) (For use in Florida and Texas only)

To control Brown Citrus Aphid, Citrus Red Mite, Citrus Rust Mite Sixspotted Mite, Texas Citrus Mite, Black Scale, Brown Soft Scale, California Red Scale Chaff Scale, Florida Red Scale, Glover Scale, Purple Scale, Snow Scale, Yellow Scale Citrus Whitefly MILLES - Apply 4 to 6 pints per acre in not less than 250 gallons of water per acre for ground application and a minimum of 10 gallons of water per acre for aerial application Use the higher rate on groves that have mature trees with more foliage to cover If a

676

summer oil is used in spray mixture, consult the oil label for use directions and precautions Use the spray oil at a rate of 0.5 to 0.7 percent of the finished spray Where Snow Scale is a problem, spray trunk limbs and twigs thoroughly For Whitefly apply shortly after Whiteflies have laid their eggs Do not apply more than once on Lemons and Limes, on other citrus crops listed, do not apply within 90 days of previous application. On Tangerines, do not apply more than twice per crop Do not apply oil within 3 weeks of a sulfur application Do not use oil on Naval oranges Do not apply more than a total of 2 1/4 gallons of Ethion 4EC (9 lbs of active ingredient) per acre per year

#### CONDITIONS OF SALE

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 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

EXCEPT AS EXPRESSLY PROVIDED HEREIN, MICRO FLO MAKES NO WARRANTIES, GUARANTEES OR REPRESENTATIONS OF ANY KIND EITHER EXPRESS OR IMPLIED OR BY USAGE OF TRADE STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE

Read all directions carefully