



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 30 1998

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Mr. Lee Tharrington
Registration Assistant
Micro Flo Company
P.O. Box 5948
Lakeland, FL 33807

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dear Mr. Tharrington:

Subject: Addition of Risk Mitigation Proposals
Ethion 4 EC
EPA Reg. No. 51036-89
Agency Letter of March 20, 1998
Labeling Submitted April 8, 1998

The amendment referred to above, submitted in connection with registration under FIFRA, is acceptable, provided that you:

Submit one copy of your final printed labeling incorporating the following corrections before you release the product for shipment.

1. Correct the statement of practical treatment for the ingestion route of exposure to reflect the aspiration hazard due to the presence of petroleum distillates in the product. Include instructions not to induce vomiting unless advised to do so by medical personnel.
2. Delete the label statement regarding the use of human flaggers since aerial application has been deleted from the label.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

A stamped copy of the label is enclosed for your records.

Sincerely,

Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

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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:

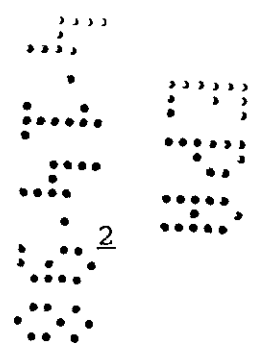
1. Coveralls over short-sleeved shirt and short pants
2. Chemical-resistant gloves, such as barrier laminate or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure
6. Chemical resistant apron when cleaning equipment, mixing, or loading
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.



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.

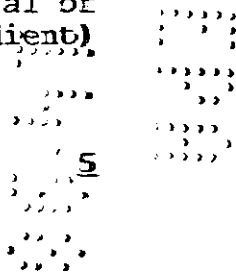
RECOMMENDATIONS

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 once if as required to maintain effective control (apply only a single application to Lemons and Limes). Use in not less than 250 gallons of water per acre as a ~~for~~ ground application and a minimum of 10 gallons of water per acre for aerial application. The following restrictions apply to airblast applications: 1. Airblast outside three rows from outside the grove with nozzles of sprayer on grove side only. 2. Nozzles facing away from the grove must be turned off. 3. Shut off spray when turning at end of rows and when passing gaps in tree rows. 4. Direct spray away from bodies of water. Do not apply with aerial equipment. 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 - Apply ~~1~~ to 5 ~~6~~ pints per acre in not less than 250 gallons of water per acre as a ~~for~~ ground application and a minimum of 10 gallons of ~~water per acre for aerial application~~. Refer to airblast application restrictions under "RECOMMENDATIONS" section above. Use the higher rate on groves that have mature trees with more foliage to cover. If a 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 and ~~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 Navel oranges. Do not apply more than a total of 1 1/4 ~~2 1/4~~ gallons of Ethion 4EC (5.9 lbs. of active ingredient) per acre per year.



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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.