



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-  
 214

Date of Issuance:  
 SEP 26 1995

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance: Conditional

Name of Pesticide Product:  
 Malathion 8EC

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

5456876  $\frac{165}{18}$

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 you release the product for shipment:

- a. Add the designation, "EPA Reg. No. 51036-214".
- b. Based on the submitted eye irritation study, the signal word, "CAUTION" must be changed to "WARNING".
- c. Change the precautionary statements to read as follows:

"PRECAUTIONARY STATEMENTS  
 Hazards to Humans and Domestic Animals

Signature of Approving Official

RAF

Date

SEP 26 1995

WARNING

Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin, eyes, or clothing."

- d. Revise the statements under the heading, "Statement of Practical Treatment" to read as follows:

IF IN EYES: Hold eyelids open and flush with steady, gentle stream of water for 15 minutes. Get medical attention.

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. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person.

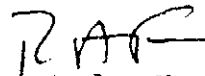
IF ON SKIN: Wash with plenty of soap and water. Get medical attention."

3. Submit two copies of the revised final printed label for the record.

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)

MALATHION 8EC  
ORGANOPHOSPHATE

ACTIVE INGREDIENT:

Malathion (0,0-dimethyl phosphorodithioate of  
diethyl mercaptosuccinate ..... 80.75%

INERT INGREDIENTS: ..... 19.25%  
TOTAL ..... 100.00%

(1 gallon contains 8 pounds of Malathion)

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 immediately. Induce vomiting by giving 1 or 2 glasses of water and touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air immediately. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush with water for at least 15 minutes and get medical attention.

NOTE TO PHYSICIAN: Treat symptomatically. Atropine is an antidote. This product is an organophosphorus ester that inhibits cholinesterase.

See Side Panels For Additional Precautionary Statement

EPA Reg. No. 51036-application

EPA Est. No. 51036-GA-1

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

REGISTERED  
with EPHS NYS  
EPA 51036-GA-1

SEP 26 1995

51036-214

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PRECAUTIONARY STATEMENTS  
Hazards To Humans And Domestic Animals

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing.

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 F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton
3. Shoes plus socks
4. Protective eyewear

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.

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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
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ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. 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 may be hazardous to aquatic organisms in areas near the application site. 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 if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Before using read the directions contained on this label for the proper methods and procedures which must be followed to achieve effective insect control.

#### 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.

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#### 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 12 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
2. Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber or viton
3. Shoes plus socks
4. Protective eyewear

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#### CHEMIGATION PROHIBITION

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

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Malathion 8E should be stored at temperatures not exceeding 25 degrees C (77 degrees F). It should never be heated above 55 degrees C (131 degrees F), and also local heating above this temperature should be avoided.

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

## APPLICATION INSTRUCTIONS

### Aerial Applications:

If water is used for dilution, apply at least one gallon of finished spray per acre. Some states may require more dilution, consult your appropriate state agency if in doubt. Malathion 8E can be used in specially designed aircraft capable of applying ultra low volumes for control of cotton insects indicated. When Malathion 8E is applied ultra low volume, use a sufficient amount of once refined vegetable oil to make at least one quart of finished spray solution per acre.

### Conventional Ground Application:

Use water for dilution and apply at least 5 gallons of finished spray per acre.

Apply only when weather conditions are favorable. Wind or rising air currents may cause undesirable spray drift and reduce insect control. Cover foliage uniformly. Time treatments and set dosages according to insect populations or damage. Repeat treatments as necessary to maintain control. Consult your local extension service or professional consultant for treatment thresholds.

Undiluted spray droplets of Malathion 8E will permanently damage automobile paint. If accidental exposure does occur, the vehicle should be washed immediately. Apply Malathion 8E uniformly at the volumes and dosage rates below.

## TANK MIX INSTRUCTIONS

For a complete cotton spray program, this product may be combined with other registered cotton insecticides. Carefully follow all precautions and directions in the labeling of any product used in combination with Malathion 8E. Do not use registered products at higher dosages than is recommended on the label. Do not use in combination with Malathion 8E with an product that prohibits such use. The use of Malathion 8E in combination with products containing carbaryl may cause injury to cotton.

### COTTON:

Aphids (Green Peach and Cotton) - 16 to 20 fluid ounces per acre.  
Boll Weevils - 10 to 20 fluid ounces per acre for early to midseason control. Use 15 to 20 fluid ounces for late season control.

Grasshoppers - 10 fluid ounces per acre.

Fleahoppers, Leafhoppers - 5 to 10 fluid ounces per acre.

Lygus Bugs (including Tarnished Plant Bugs) - 10 to 15 fluid ounces per acre for moderate populations. Use 20 fluid ounces per acre for heavy or migrating populations.

Thrips - 5 to 10 fluid ounces per acre.

May be applied on the day of harvest regardless of rate.

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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.

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