

PM 14 51036-33

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United States Environmental Protection Agency
Washington, D.C. 20460

Office of
Prevention, Pesticides and
Toxic Substances

OCT 1 1993

Morris Gaskins
MICRO-FLO CO.
BOX 5948
LAKELAND FL 33807

Subject: Label Amendment Submission of 05/27/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 51036-33
MALATHION 25-WP

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)

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Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

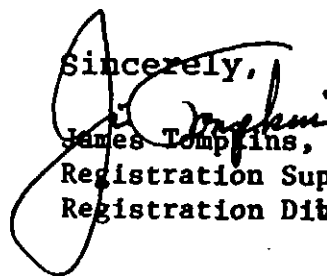
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,



James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

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Draft labeling for WPS language in response to PR 93-7

**MICRO FLO
MALATHION 25 WP
ORGANOPHOSPHATE**

ACTIVE INGREDIENT:

Malathion: 0,0-dimethyl phosphorodithioate of
diethyl mercaptosuccinate 25.0%

INERT INGREDIENTS: 75.0%
TOTAL..... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

**STATEMENT OF PRACTICAL TREATMENT
Organophosphate**

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

IF IN EYES: Flush eyes for at least 15 minutes with water. Call a physician immediately.

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

This product is an organophosphorus ester that inhibits cholinesterase.

NOTE TO PHYSICIAN: Malathion is a moderate, reversible, cholinesterase inhibitor. Atropine is antidotal.
See Additional Precautionary Statements on Label

EPA Reg. No. 51036-33

EPA Est. No. 51036-GA-1

ACCEPTED
with COMMENTS
in EPA Letter Dated

OCT 1 1983
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

Manufactured By
MICRO FLO COMPANY
P.O. BOX 5984
LAKELAND, FLORIDA 33807

**PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals**

CAUTION

May be harmful if swallowed. Do not take internally. Avoid contact with eyes, skin and clothing. Avoid breathing vapors, dust, or spray mist. Flush contaminated eyes with plenty of water and get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants
2. Waterproof gloves
3. Shoes plus socks
4. Chemical-resistant headgear for overhead exposure

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.

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

ENVIRONMENTAL HAZARDS

OUTDOOR USE ON NONAQUATIC SITES: This pesticide is toxic to fish aquatic invertebrates, and aquatic life stages to amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). 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.

INDOOR USE: Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

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. Waterproof gloves
3. Shoes plus socks
4. Chemical-resistant headgear for overhead exposure

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. Open dumping is prohibited.

STORAGE: Store in cool, dry place. In case of spill, remove spillage with an industrial type vacuum cleaner and wash area with household bleach.

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: Do not reuse bag. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

RECOMMENDATIONS

ORNAMENTAL FLOWERS AND SHRUBS:

Against Aphids, Spider Mites, Mealy-bugs and Whiteflies, use 2 1/2 pounds per 100 gallons or 2 level tablespoons per 1 gallon of water.

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Against Soft Brown Scale, Florida Red Scale and Black Scale Crawlers use 6 pounds per 100 gallons or 1 ounce (4 level tablespoons) per each gallon of water.

Spray for thorough, full coverage and repeat as needed. Injury may occur on Boston, Maidenhair and Pteris Fern, and some species of Crassula.

VEGETABLES:

Against Aphids or Spider Mites attacking certain vegetables use 2 pounds per 100 gallons of spray for thorough coverage when needed but not to exceed the pounds of this product per acre given below nor nearer to harvest than given below:

NOT OVER 2 POUNDS PER ACRE FOR:

Eggplant, Broccoli and Turnips - 3 days
Endive (escarole), Carrots, Radishes, Cabbage, Cauliflower, Collards, Mustard - 7 days;
Tomatoes - 1 day.

NOT OVER 2 1/2 POUNDS PER ACRE FOR:

Strawberries - 3 days.

NOT OVER 5 POUNDS PER ACRE FOR:

Peppers - 3 days;
Okra - not after pods start to form;
Beans - 1 day;
Lettuce (leaf) - 14 days.

NOT OVER 6 POUNDS PER ACRE FOR:

Cucumbers - 1 day.
Do not apply less than 2 pounds of this product per acre on any of the above vegetable crops.

CITRUS (Oranges, Tangelos, Limes, Lemons, Kumquats and Tangerines):
Against Florida Red Scale and Purple Scale use 3 pounds per 100 gallons for light infestations to 5 to 6 pounds for medium infestations.

Against Aphids use 2 pounds per 100 gallons.
Do not use when trees are in bloom nor later than 7 days before harvest.
Do not exceed 40 pounds per acre.

PEACHES:

Against Plum Curculio and Oriental Fruit Moth use 3 pounds per 100 gallons of water. Make 4 or more cover applications beginning when petals fall, not within 7 days of harvest.
Do not exceed 28 pounds per acre.

PEANUTS:

For the protection of stored peanuts (unshelled) against infestations of Red Flour Beetle, Indiana Meal Moth, Confused Flour Beetle, Rice Weevil, Flat Grain Beetle, Rusty Grain Beetle,

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Lesser Grain Borer, Granary Weevil and Saw-Toothed Grain Beetle,
apply Malathion 25WP as follows:

SUPPLEMENTAL SURFACE SPRAY:

After warehouse has been filled, level surface of peanuts before spraying. Apply surface spray using 1 3/4 pounds of premium grade Malathion 25WP in 2 gallons of water and apply at the rate of 2 gallons per 1000 square feet of surface. Apply first treatment as soon as bin is filled and leveled, but not later than the first week in October.

Apply the second surface treatment 1 month later, followed by treatment at 2 month intervals. Use a piston type power sprayer equipped with agitator and nozzle capable of delivering a coarse spray. Repeat surface application 60 days later if warm temperature prevails. Otherwise delay further treatment until late winter.

CONDITIONS OF SALE

All statements concerning the use of this product apply only when used as directed.

THE MANUFACTURER MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, CONCERNING THIS PRODUCT OR ITS USE, WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

Read all directions carefully.