

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

NOTICE OF PESTICIDE: ☒ REGISTRATION  
☐ REREISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

EPA REGISTRATION NO.

51036-169

TERM OF ISSUANCE

DATE OF ASSUANCE

4/29/91

NAME OF PESTICIDE PRODUCT

Dimethoate 25WP

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Micro Flo Company  
P.O. Box 5949  
Lakeland, FL 33807

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add the phrase "EPA Registration No. 51036-169."

b. Under the heading, "Re-Entry Statements," the reentry interval of 4 days must be specified for grapes. Delete the reference to citrus since directions for use on this crop do not appear on your label.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

4. Submit the one-year storage stability data within 15 months from the date of this notice.

☐ ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

*Robert C. Furest*

DATE

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enclosures

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3 9 6

**MICRO FLO  
DIMETHOATE 25 WP  
INSECTICIDE**

**ACTIVE INGREDIENT:**

Dimethoate (O,O-dimethyl S-[(methylcarbamoyl)  
methyl] phosphorodithioate) .....

25.00%

**INERT INGREDIENTS:** .....

75.00%

**TOTAL** .....

100.00%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

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**STATEMENT OF PRACTICAL TREATMENT**

**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 fingers. 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.

**SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

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EPA Reg. No. 51036-RA0

EPA EST. No. 51036-GA-1

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

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated:**

**APR 29 1991**

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

51036-169

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

May be harmful if swallowed, inhaled or absorbed through skin. Avoid breathing dust or spray, mist. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Wash clothing before reuse. In case of contact, immediately flush eyes with plenty of water. Get medical attention if irritations persist.

**REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION:** All applicators, including homeowners, flaggers and all personnel involved with the mixing, loading, and transferring operations must wear protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows: a) Impermeable gloves (for example, rubber or plastic covered reinforced gloves). b) Boots or boot covers. c) Long-sleeved shirt and long pants. d) Wide-brimmed hat. e) Respirators must be worn by flaggers and mixer loaders.

**AERIAL APPLICATION:** Automatic flagging devices should be used whenever feasible. If human flaggers are employed they must wear the protective clothing and respirator specified on this label.

**NOTE TO PHYSICIANS:** This product, may cause cholinesterase inhibition. Atropine is antidotal. Pralidoxine chloride (2-PAM, Proto Pam Chloride) may be effective as an adjunct to Atropine.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to wildlife and aquatic invertebrates. Do not apply directly to water or wetlands. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues 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.

**DIRECTIONS FOR USE**

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

**CHEMIGATION PROHIBITION**

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

**RE-ENTRY STATEMENTS**

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5 9 0

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until sprays have dried. Certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information: CAUTION - Area treated with Dimethoate on (date of application). Do not enter without appropriate protective clothing for 24 hours. California requires a safety interval of 4 days for Citrus and Grapes. Check with you State Department of Agriculture for further information.

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#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place away from strong alkalies or strong oxidizers.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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#### DIRECTIONS

Repeat applications as necessary. Do not apply when weather conditions favor drift of spray from areas treated. Consult your state agricultural experiment station or state agricultural extension service for proper timing of applications.

FOR GENERAL APPLICATION by commercial growers or commercial applicators, on the crops listed below, apply recommended amounts in sufficient water for good coverage. FOR AERIAL

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**APPLICATION** use the recommended amount of Dimethoate 25WP in 2 to 10 gallons of water.

**APPLES, PEARS:** Aphids, Leafhoppers, Pear Psylla, Mites (except rust mites) - 1 to 2 lbs. per 100 gals. water. Interval between last application and harvest - 28 days. Do not apply during the bloom period. Do not graze livestock in treated orchards.

**POTATOES:** Aphids, Leafminers, Leafhoppers - 1 to 2 lbs. per acre. Potatoes may be harvested on day of application.

**GRAPES\*** (Calif. Raisin, Wine, table and canning grapes): Grape Leafhoppers, Pacific Spider Mite, Thrips - 6 to 8 lbs. per acre. Note: Interval between last application and harvest - 28 days. Aerial application - apply in 15 to 30 gals. of water per acre. Ground application - apply through concentrate spray equipment in 20 to 40 gals. of water per acre or through dilute equipment in 200 to 400 gals. of water per acre depending upon vine growth density. Repeat applications as necessary. Do not enter treated areas for 4-days unless appropriate protective equipment is worn.

**\*NOTE:** Dimethoate 25 WP Insecticide may leave a visible deposit of powder on berries at maturity if treatment is made after berries reach 1/4 inch in size. To avoid objectionable deposits of powder on berries grown for table and canning production, do not apply treatments to these crops after berries reach 1/4 inch in diameter.

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