

PH21 51036-53

File 1047

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

OCT 4 1993

Office of  
Prevention, Pesticides and  
Toxic Substances

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

Subject: Label Amendment Submission of 06/02/93  
in Compliance with WPS Labeling Requirements  
EPA Reg No. 51036-53  
THIRAM 75WP

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)

2047  
Office of Pesticide Programs (H-7504C)  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460-0001

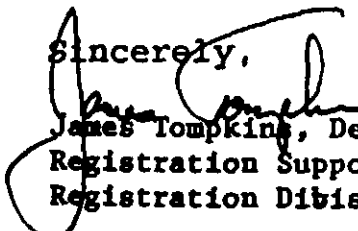
Hand or courier deliveries of final labels may be made to:

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 FR 93-7

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 4 1993

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

51036-53

MICRO FLO

THIRAM TURF FUNGICIDE

**ACTIVE INGREDIENT:**

Thiram (bis-(dimethylthiocarbamoyl)-disulfide).....	75.0%
INERT INGREDIENTS .....	25.0%
TOTAL .....	100.0%

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**

IF IN EYES: Flush with plenty of water. Call a physician.  
IF SWALLOWED: Drink promptly a large quantity of milk, egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol.  
See Elsewhere On Label For Additional Precautionary Statements

EPA Reg. No. 51036-53

EPA Est. No. 51036-GA-1

Manufactured By  
MICRO FLO COMPANY  
P.O. Box 5948,  
Lakeland, FL 33807

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

**WARNING**

Causes substantial but temporary eye injury. Causes skin irritation. Harm-ful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid inhaling of spray mist or dust. Do not use or store near food or feed. Consumption of alcoholic beverages increases the toxic effects of Thiram.

## **PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and other handlers must wear:**

- 1. Coveralls over short-sleeved shirt and short pants**
- 2. Waterproof gloves**
- 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. Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)**

**Mixers and loaders must wear:**

- 1. Coveralls over short-sleeved shirt and short pants**
- 2. Waterproof gloves**
- 3. Chemical-resistant footwear plus socks**
- 4. Protective eyewear**
- 5. Chemical-resistant headgear**
- 6. Chemical resistant apron when 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.**

**USER SAFETY RECOMENDATIONS**

**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 product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of material. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters. Do not allow this material to drift onto neighboring crops or non-crop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Plant propagules and gladiolus that are treated with this product must bear distinct labeling that instructs: **WARNING: Treated with Thiram. Wear rubber gloves and protective clothing when handling products treated with Thiram. Direct exposure to skin may result in severe dermatitis.**

**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

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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 24 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. Waterproof gloves
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure

#### CHEMIGATION PROHIBITIONS

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. PESTICIDE STORAGE 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, fold and roll back bags, clamp 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 un-protected 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 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.

## DIRECTIONS

Use contrary to these directions may cause serious plant, crop or personal injury, unsatisfactory control or other unintended consequences.

**TURF GRASSES (LAWNS, GOLF COURSES, PARKS, TURF NURSERIES)**  
Against Brown patch (*Rhizoctonea solani*), Dollar Spot, Gray leaf spot, and Helmintho-sporium leaf spot make regular spray applications at intervals of 7 to 10 days\*\* beginning before the earliest probable appearance of the diseases and continuing throughout the season. When a preventive spray schedule is not followed, the turf should be inspected each morning and at the first appearance of disease, the curative rate of Thiram 75WP should be applied. When treating golf greens, always treat aprons and approaches.

TREATMENT	RATE PER 1000 SQ. FT.	RATE PER 5000 SQ. FT.
Preventive	3 ozs. or 2/3 cupful	1 pound
Curative	4 1/2 ozs. or 1 cupful	1 1/2 pounds

### FOR THE CONTROL OF SNOW MOLDS:

Use 8 ozs. Thiram per 1000 sq. ft. applied as late in the fall as possible, prior to snowfall. Follow with a spring application of 3 ozs. per 1000 sq. ft. applied as soon as the snow melts.

### TO PREPARE SPRAYS:

Use only enough water to spray or sprinkle the area thoroughly (usually 5 to 10 gallons per 1000 sq. ft.). For high pressure sprayers, use from 200 to 300 lbs. pressure and 5 gallons of water per 1000 sq. ft. applied as a fine spray. Thiram is insoluble in water and will tend to settle out, constant agitation is necessary.

\*\*When conditions are unusually favorable for the development of disease or the disease is active, reduce the interval between sprays to 3 to 5 days and use the rate for curative treatment.

## 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.