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51036 - 14

FILE

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

Office of
Prevention, Pesticides and
Toxic Substances

OCT 8 1993

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

Subject: Label Amendment Submission of 06/17/93
in Compliance with WPS Labeling Requirements
EPA Reg No. 51036-14
MICROSPERSE WETTABLE SULFUR

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

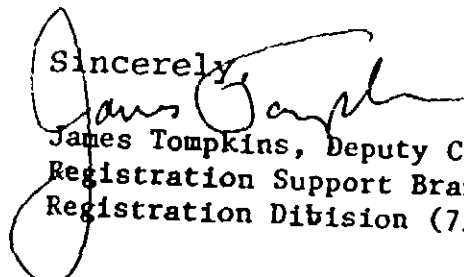
Hand or courier deliveries of final labels may be made to:

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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MICRO-FLO CO.
MICROSPERSE WETTABLE SULFUR
51036-14 06/17/93
Original Submission

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.
The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

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Admin: 51036-14

Analyst comments:

The AI list shows sulfur as having an eye irritation toxicity level of 2 which would require protective eyewear in the PPE. Registrant shows a toxicity level of 3.

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MICRO FLO

MICROSPERSE WETTABLE SULFUR

ACTIVE INGREDIENT:

Sulfur 90.0%

INERT INGREDIENTS: 10.0%

TOTAL 100.0%

Particle Size - Average 5 Micron

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

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

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

See Elsewhere On Label For Additional Precautionary Statements

EPA Reg. No. 51036-14

EPA Est. No. 51036-GA-1

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

PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

CAUTION

Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

~~AGGREGATED~~
with COMMENTS
In EPA Letter Dated

OCT 8 1993

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

51036-14

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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 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

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from the areas treated. Do not apply where runoff is likely to occur. Do not use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, or other undesirable results may occur. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL HAZARDS

Keep away from fire and sparks.

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 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
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 other pesticides, fertilizers, water, food or feed by storage or disposal.

PESTICIDE STORAGE: 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.

IN CASE OF SPILL, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

TO CONFINE SPILLS: 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: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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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, or by burning. If burned, stay out of smoke.

MIXING RECOMMENDATIONS: Pour recommended amount of Sulfur into partially filled spray tank. Add balance of water to fill tank. Keep agitated while filling and spraying. Higher rates are for severe disease conditions.

DIRECTIONS FOR DILUTION

DILUTE APPLICATION:

Ground: Specified rate in 20 to 60 gallons of water per acre.
Orchard: Specified rate in 100 to 800 gallons of water per acre.

CONCENTRATE APPLICATION:

Ground: Specified rate in 5 to 10 gallons of water per acre.
Orchard: Specified rate in 20 to 100 gallons of water per acre.

AERIAL APPLICATION:

Ground: Specified rate in 3 to 20 gallons of water per acre.
Orchard: Specified rate in 10 to 20 gallons of water per acre.

SPECIFIC RECOMMENDATION FOR VARIOUS CROPS

CAUTION

Some crops may be damaged by sulfur unless under certain climatic conditions. Do not use on any crop unless sulfur has been shown to be safe in your locality. Do not allow spray to drift on to sulfur-sensitive crops such as apricots, cranberries, spinach and Anjou pears. Sulfur may burn foliage when temperature is high. Do not apply at such times. Do not use within two weeks of an oil spray treatment. For citrus, do not apply within 21 days of an oil spray. When growing crops for processing, consult the processor before applying sulfur.

GRAPES:

For control of powdery mildew, bud mite, blister mite and red spider mite.

Mildew: Apply throughout the season at 14 day intervals according to the stage of development of the vegetation and intensity of the attack.

Before flowering: Apply 5 pounds per acre.

After flowering: Apply 6 pounds per acre.

Mites: Apply up to 10 pounds per acre at budburst, making sure to wet thoroughly.

NOTE: Concord and other labrusca type grapes may be injured.

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SOFT FRUIT RASPBERRIES:

For control of powdery mildew. Apply 15 pounds per acre each week from first bloom to fruit set.

STRAWBERRIES:

For control of powdery mildew and red spider mite. Apply 10 pounds per acre at early leaf stage and continue as necessary.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, BLUEBERRIES, GOOSEBERRIES, HUCKLEBERRIES AND CURRANTS:

For control of powdery mildew. Apply 15 pounds per acre before blossom and continue at 10 day intervals as necessary.

ORCHARDS

APPLES, PEARS:

For control of powdery mildew, scab, blister mite and red spider mite.

Before flowering: Apply 30 pounds per acre.

After flowering: Apply 15 pounds per acre.

CITRUS:

For control of red spider mite, flat mite, rust mite, and silver mite.

Ground Application: Use 5 to 6 lbs. of Wettable Sulfur per 100 gallons of water.

Aerial Application: Use 25 to 50 pounds per acre in sufficient water to provide adequate coverage.

PEACHES, PLUMS, CHERRIES, NECTARINES, PRUNES:

For control of powdery mildew (except on almonds), brown rot, leaf spot, silver mite, flat mite and red spider mite. Apply 30 pounds per acre at bloom and repeat as necessary at intervals of 12 days.

AVOCADOS:

For control of brown mite. Apply 30 pounds per acre as needed.

MANGOES:

For control of powdery mildew. Apply 30 pounds per acre before flowering and continue at intervals of 20 days.

ALMONDS:

Brown Rot, Blossom and Twig Blight, Leaf Spot, Red Spider Mites - Apply 10 to 30 lbs. per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10 to 14 days or after a period of wet weather.

WALNUTS:

For control of pacific mite, almond mite, twospotted mite and red spider mite. Apply 20 pounds per acre as required.

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PEANUTS:

For control of powdery mildew, leaf spot and red spider mite. Apply 5 pounds per acre at early leaf stage and repeat at 18 days intervals.

SOYBEANS:

For control of leaf spot and powdery mildew. Apply 12.5 pounds per acre at early leaf stage and repeat every 14 days as necessary.

SUGAR BEETS, TABLE BEETS:

For control of powdery mildew and red spider mite. Apply 4 pounds per acre as required at 18 day intervals.

COTTON:

For control of red spider mite. Apply 5 pounds per acre as necessary.

CEREALS:

Corn, Wheat, Barley, Oats, Rye, Sorghum: For control of red spider mite, twospotted mite, pacific mite and atlantic mite. Apply 15 pounds per acre when mites first appear and continue as necessary.

BEANS, PEAS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, MUSTARD GREENS, RUTABAGAS, PEPPERS, POTATOES, TURNIPS:

For control of powdery mildew, Septoria leaf spot (on peas only), and red spider mite. Apply 3 to 5 pounds per acre at early leaf stage and repeat every 10 to 14 days as necessary.

ONIONS AND GARLIC:

For control of powdery mildew and Petrobia mite. Apply 6 pounds per acre when disease first appears and repeat as necessary.

TOMATOES:

For control of russet mite. Apply 3 to 4 pounds per acre as necessary. Thorough coverage is required.

CUCURBITS:

Melons, Cucumbers, Squash: For control of powdery mildew. Apply 25 pounds per acre when disease first appears and continue as necessary.

ORNAMENTALS AND ROSES:

For control of powdery mildew and leaf spot. Apply 2.7 to 4.5 pounds in 100 gallons of water when disease first appears and repeat at 10 day intervals as required.

NOTE: Consult State Agricultural Station or State Extension Service Specialist for rate recommended for your local area.

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SUGARCANE:

For control of rust, apply 1 gallon per acre as required by disease pressure in sufficient water for thorough coverage.

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.