

51036-14

04/30/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Pam Bruce
Federal Registrations Specialist
Micro Flo Company LLC
530 Oak Court Drive, Suite 110
Memphis, TN 38117-2099

APR 30 2002

Dear Ms. Bruce:

SUBJECT: MicroSperse Wettable Sulfur
EPA Registration Number 51036-14
Your Submission of December 29, 2001

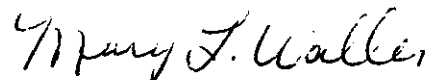
The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided that you make the following change:

Under "Personal Protective Equipment" and in the Agricultural Use Requirements box change "waterproof gloves" to "chemical-resistant gloves made from any waterproof material."

Submit one (1) copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Lisa Jones of my staff by phone at (703) 308-9242 or by e-mail at jones.lisa@epa.gov.

Sincerely yours,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure: Stamped Label

CONCURRENCES							
SYMBOL ▶	7505C						
SURNAME ▶	Lisa Jones						
DATE ▶	Apr 30, 2002						

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

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact:

- (800) 424-9300 CHEMTREC (transportation and spills)
- (800) 900-4044 Poison Control Center (human health)
- (800) 345-4735 ASPCA (animal health)

See Elsewhere On Label For Additional Precautionary Statements

EPA Reg. No. 51036-14

EPA Est. No. 51036-GA-1

ACCEPTED
with COMMENTS
In EPA Letter Dated:
APR 30 2002

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

Manufactured By:
MICRO FLO COMPANY LLC
P.O. BOX 772099
MEMPHIS, TN 38117

PRECAUTIONARY STATEMENTS
Hazards To Humans And Domestic Animals

CAUTION

Harmful if absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

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

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

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.

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 DUSTING: Avoid drift. Apply when air is calm. For best results, apply at night or early morning hours. Repeat as needed. For dust applications use either ground or aerial equipment.

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.

SOFT FRUIT

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.

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.

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.

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.

FIELD CROPS

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.

COTTON:

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

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 day 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.

SUGARCANE:

For control of rust, apply 6 pounds per acre as required by disease pressure in sufficient water for thorough coverage.

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.

CONDITIONS OF SALE AND WARRANTY

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with 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 use of the product in a manner inconsistent with its labeling, all of which are beyond the control of MICRO FLO COMPANY ("Micro Flo") or the Seller. All such risks shall be assumed by the Buyer. Micro Flo warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. MICRO FLO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL MICRO FLO OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Micro Flo and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of MicroFlo.

Read all directions carefully.