



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:  
51036-  
208

Date of Issuance:  
APR 6 1995

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Micro Flo  
Copper/Sulfur  
Flowable

Name and Address of Registrant (Include ZIP Code):

Micro-Flo Co.  
P.O. Box 5948  
Lakeland, FL 33807

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

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

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

- a. Add the phrase, "EPA Reg. No. 51036-208".
- b. The precautionary labeling for the subject products should read as follows:

Causes substantial but reversible eye damage. Harmful if swallowed, absorbed through skin or inhaled. Do not get in eyes. Avoid contact with the skin or clothing. Avoid breathing vapor or spray mist.

Signature of Approving Official:

*BS/*

Date:

APR 6 1995

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b. The Statements of Practical Treatment should state:

If in eyes: Call a physician. Hold eyelids open and flush with a steady gentle stream of water for 15 minutes.

If on skin: Wash with plenty of soap and water. Get medical attention.

If swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution, or, if these are not available, large quantities of water. Avoid alcohol. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

c. Update the Environmental Hazards Statement to include the following:

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

Refer to PR Notices 93-3 and 93-8.

d. Place a box around or highlight on a background of contrasting color the User Safety Recommendations and Agriculture Use Requirement sections as required by the Worker Protection Standard (WPS) regulations.

3. Submit one (1) copy 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.

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.

Cynthia Giles-Parker  
Product Manager (22)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

8101  
77501  
Will have to 308  
route for OK  
WPS Review

MICRO FLO  
COPPER/SULFUR FLOWABLE

FLOWABLE AGRICULTURAL FUNGICIDE

ACTIVE INGREDIENTS:

Copper Basic Sulfate.....	27.5%
Sulfur .....	15.5%
INERT INGREDIENTS .....	<u>57.0%</u>
TOTAL .....	100.0%

Contains 3.2 Lbs. Copper Basic Sulfate per gal. and 1.85 Lbs. Sulfur per gal. (Metallic Copper Equivalent - 14.9%)

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 SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Call a physician or Poison Control Center.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Hold eyelids open and flush with water for 15 minutes. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

EPA REG. NO. 51036-appl

EPA EST. NO. 51036-GA-01

ACCEPTED  
AND COMMENTS  
BY EPA REG. 51036

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

APR 6 1995

51036-308

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed or inhaled. Do not breath vapors or spray mist. Causes eye irritation. Do not get in eyes, on skin, or on clothing.

**Personal Protective Equipment**

Applicators and other handlers must wear:

- 1. Long sleeved shirt and long pants
- 2. Waterproof gloves
- 3. Shoes plus socks
- 4. Protective eyewear
- 5. Chemical-resistant headgear for overhead exposure
- 6. Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

*Consult with our*

*over*

*D.M.*

*W. K...*

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE seperately from other laundry.

**User Safety Recomendations**

Users should:

- a. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- b. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- c. 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 is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment wash waters.

**STORAGE AND DISPOSAL**

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

**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:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**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 (PPE), notification to workers, and restricted-entry Interval. 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. *OK copper sulfate*

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:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrance to treated areas.

**GENERAL INSTRUCTIONS**

COPPER/SULFUR FLOWABLE should be used as described below. COPPER/SULFUR FLOWABLE is adaptable to all types of spray equipment.

**CHEMIGATION INSTRUCTIONS**

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

**GALLONS PER ACRE**

(Except for grapes, see Use instructions)

GROUND		AERIAL
Dilute	Concentrate	
25-100	5-20	3-15

Follow label recommended rates per acre. No additional surfactants

are needed.

When mixing, fill spray tank half full with water. Add COPPER/SULFUR FLOWABLE slowly to a tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

The following directions for use are based upon general applications. The recommendations of State Agricultural Experiment Stations should be closely followed as to timing, frequency and number of applications per season.

<u>CROP</u>	<u>DISEASE</u>	<u>RATE/ACRE</u>	<u>USE INSTRUCTIONS</u>
BEANS (except California)	Bacterial Blight (Halo B Common)	1-3 quarts	For protective sprays, apply first applications when plants are 6 inches high. Apply on 7-14 day schedule depending on local conditions.
	Rust	1.5-3 quarts	Make 3-4 applications on 7-10 day schedule.
GRAPES	Black Rot, Powdery Mildew, Downy Mildew	2-3 pints	Apply as a dilute spray. Make the first application at late dormancy prior to bud break. The second application should be applied at the 8 inch shoot elongation. Subsequent applicaitons may be applied on a 10 - 14 day schedule after 6 inch snoot elongation until bloom (do not apply during bloom as injury may occur). When disease pressure is high, use the high rate and short spray interval. Adequate coverage is essentail for diseese control. Use a minimum of 100

gallons of spray solution per acre prior to the 6 inch shoot elongation. As the season progresses and the canopy and the canopy thickens, increase the spray volume to no less than 150 gallons per acre.

NOTE: Slight to severe foliage injury may occur on copper-sensitive varieties such as Concord, Delaware, Niagara, Rosette and Chardonnay.

PEANUTS (except California)	Cercospora Leaf Spot	1-2 quarts	Begin spraying 40-45 days after planting or when disease symptoms appear. Make ground or aerial application. Continue applications at 10-14 day intervals or according to state recommendations. use in sufficient water to get adequate coverage. COPPER/SULFURFLOWABLE treated hay may be fed to livestock.
PEAS (Black-Eyed)  (Except California)	Powdery Mildew	1.5 - 3 qts	Begin spray treatment when disease symptoms first appear. Use according to disease severity. Repeat at weekly intervals.
PEPPERS (except California)	Bacterial Spot	2 - 3 qts (1 - 1.5 qts per 100 gallons)	When disease threatens, apply at 7 - 14 day intervals depending on disease severity.
SUGAR BEETS (except California)	Cercospora Leaf Spot	2 - 5 qts	Start spray when disease threatens at 10 - 14 days depending on weather conditions

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and continue for 4 - 5 applications. Addition of suitable agriculture spray oil is recommended at 2 qts per acre.

TOMATOES  
(except  
California)

Early Blight      2 - 3 qts  
  
Bacterial Spot    2 - 4 qts

When disease threatens, apply at 7 - 10 day intervals.

When disease threatens, apply at 7 - 10 day intervals, more frequently when disease is severe. May be combined with 1.5 to 2 lbs. per acre maneb or coordination product of maneb and zinc (80% active compound). When maneb or coordination product of maneb and zinc is used in combination, do apply within 5 days of harvest.

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