



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

EPA Reg. Number:
51036-272

Date of Issuance:
MAY 7 1996

Term of Issuance:
Conditional

Name of Pesticide Product:
Micro Flo Cop-O-Zinc

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

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. 51036-272".
- b. Modify the User Safety Recommendations so it reads as follows:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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.

Refer to PR Notice 93-7.

Signature of Approving Official:

Date:

MAY 7 1996

c. In the Environmental Hazards Section delete "For terrestrial uses,". Refer to PR Notice 93-8.

d. Please note that "Do not apply this product through any type of irrigation system" appears twice on the label. You can delete one of the statements.

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

MICRO FLO
COP-O-ZINC

CONTAINS COPPER PLUS ZINC FOR THE ALLEVIATION OF ZINC DEFICIENCY

ACTIVE INGREDIENT:		
Copper* (expressed as metallic)	25.0%
INERT INGREDIENTS:	75.0%
	TOTAL	100.0%

(*Derived from basic copper sulfate)

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

GUARANTEED ANALYSIS (Fertilizer)

Zinc (Zn).....25.0%
Derived from zinc oxide

STATEMENT OF PRACTICAL TREATMENT

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

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

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

See additional precautionary statements elsewhere on label

EPA Reg. No. 51036-*EFE*

EPA Est. No. 45002-MX-2

NET CONTENTS: _____

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

ACCEPTED
with COMMENTS
In EPA Letter Dated

MAY 7 1996

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

51036-272

PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, shoes plus socks, and protective eyewear.

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.24D(d)(4-6)]. The handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 washwaters.

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 that area during

application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with 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) and restricted entry Interval (REI). 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. Protective eyewear

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

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well-ventilated area.

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.

DIRECTIONS FOR DILUTION

MAINTAIN ADEQUATE AGITATION AT ALL TIMES

DILUTE APPLICATION:

Ground application - Apply specified rate in 20-60 gallons of water per acre.

Orchard application - Apply specified rates in 100-800 gallons of water per acre.

CONCENTRATE APPLICATION:

Ground application - Apply specified rate in not less than 5 gallons of water per acre.

Orchard application - Apply specified rate in 20-100 gallons of water per acre.

AIR APPLICATION:

Apply specified rate in 5-20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

NOTE: The per acre rate of this product for concentrate and aerial application is based upon a dilute ground application with conventional equipment for orchards applying 100 to 800 gallons per acre. If directions call for 1 lb. of product per 100 gallons of water, this amounts to 1-8 lbs. per acre when applied dilute, concentrate or aerial.

CROPS

ALMONDS:

Shot Hole - Apply 5 to 7 lbs. in 100 gallons of spray when buds start to swell in spring.

APPLES, PEARS:

Fire Blight - Apply 4 to 5 lbs. per acre in sufficient water to cover according to method of application. Apply every 5 to 7 days starting at 10% bloom. The use varies according to varieties and your field representative should be consulted for recommendations.

APRICOTS:

Brown Rot, Shot Hole - Apply 5 to 7 lbs. in 100 gallons of spray. Apply at red bud or pre-jacket stage.

CHERRIES:

Brown Rot - Apply 5 to 7 lbs. in 100 gallons of spray at white bud stage.

CITRUS:

Brown Rot, Septoria - Apply 2 lbs. in 100 gallons of spray. Spray lower branches 1/2 to 3 feet from ground in late fall at time of first rains and again later as needed in extra wet years.

PEACHES, NECTARINES:

Brown Rot, Peach Blight, Leaf Curl - Apply 5 to 7 lbs. per 100 gallons of spray. With dormant oil spray, apply 5 1/2 lbs. per 100 gallons of spray. May be applied up to full pink stage.

WALNUTS:

Walnut Blight - Apply 4 to 6 lbs. per 100 gallons of spray. Two sprays are needed, one when 1% of flowers are showing and second when 10% of flowers are showing. A third application may be used post bloom in severe areas.

ZINC AND COPPER DEFICIENCY SPRAY

Dormant Spray: Use 4 to 6 lbs. in 100 gallons of spray added to dormant oil emulsion spray or 5 to 6 lbs. as water spray.

Foliage Spray: Use 3 to 4 lbs. per 100 gallons as a water spray over new foliage. For foliage oil emulsion sprays, use 1 lb. per 100 gallons of spray.

CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to seller; the buyer assumes the risk of any such use.