



Pm 19

51036-139

Page 199

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 7 1993

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Morris Gaskins
MICRO FLO CO.
Box 5948
Lakeland, FL 33807

SUBJECT: Label Amendment Submission of 05/17/93 in Compliance
with PR Notice 93-7
EPA Reg. No. 51036-139
SOLUBLE OIL 97

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable 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)
Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

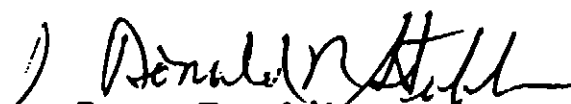
Hand or courier deliveries of final labels may be made to:

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 (H7505W)

MICRO-FLO CO.
SOLUBLE OIL 97
51036-139 05/17/93

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.

There is a typographical error(s) in the User Safety Recommendations section.

Under Precautionary Statements - Harmful If Swallowed ".....Do not smoke while using." Has been marked for removal on label however continues to appear on draft label.

MICRO FLO
SOLUBLE OIL 97
Emulsifiable Oil

ACTIVE INGREDIENTS:	BY WT.
Petroleum Oil	97.0%
INERT INGREDIENTS	3.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician immediately. Do not induce vomiting.

IF INHALED: Remove victim to fresh air.

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

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

See Additional Precautionary Statements Elsewhere On Label

IMPORTANT: SOLUBLE OIL 97 Emulsifiable Oil meets the specifications of Florida Citrus Spray and Dust Schedule for spray oil designated as FC 435-66.

EPA Reg. No. 51036-139

EPA Est. No. 51036-GA-1

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

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 7 1993

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

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals

CAUTION

HARMFUL IF SWALLOWED

Avoid contact with eyes and skin. May be harmful if swallowed. May be injurious to eyes and skin. Do not take internally. Do not get in eyes or on skin. Do not smoke while using. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Avoid breathing spray mist or vapors.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- 1. Long-sleeved shirt and long pants
- 2. Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or viton
- 3. Shoes plus socks

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

This product is toxic to fish. Do not apply directly to water. Keep out of lakes, ponds, or streams. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label. Protective information may be obtained from your Cooperative Agricultural Extension Service.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL Spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

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 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 12 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. Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or viton
3. Shoes plus socks

CHEMIGATION PROHIBITION

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

RECOMMENDATIONS

SOLUBLE OIL 97 is an emulsifiable spray oil designed for use against Spider Mites, Whiteflies, and certain Scale Insects attacking Citrus, Ornamentals, Avocado, Mango and Palms. This product should be diluted in water for use as directed on this label.

NOTE: Do not use oil sprays on foliage within 30 days before or after using Sulfur or Captan. Do not repeat oil sprays in less

than 30 days of first applications, nor use more than twice in twelve month period. Do not spray trees or plants weakened from any cause whatsoever such as lack of moisture, excess moisture, cold or freeze damage, recent root pruning or transplanting. Avoid spraying citrus too late in the summer or the use of oil may cause difficulty in degreening of citrus fruit in the packing house or retard natural coloring on the trees. Oil sprays should not be applied to *broad leaved evergreens or **palms when freezing or near freezing temperatures may be expected within 3 weeks after spray application. Do not use on maidenhair fern, **Cocos palms, Maples, or non-woody plants unless specified. Avoid spraying trees or plants when temperatures are excessively high or low. Keep guns or spray wand in motion while spraying. Do not overlap with additional spray onto foliage or fruit already dry. Do not apply material that may have been left in the hose during interruptions, such as refilling. Run such material back into tank and re-mix. Protect this product from freezing temperatures as such temperatures will be harmful to the product. Use contrary to these directions may cause serious plant, crop or personal injury, unsatisfactory control or other unintended consequences.

CITRUS
APPLICATION INSTRUCTIONS

NOTE: All rates are calculated for mature trees with normal foliage cover. Rates should be adjusted downward proportionally for smaller immature trees. All applications should be made in sufficient water to insure thorough coverage without significant runoff. Minimum GPA for concentrate sprays is 10 to 20 for aerial application and 50 gallons for concentrate ground application. When tank mixing 97 Soluble Oil with other pesticides, check compatibility before mixing in application equipment. Follow all precautions and instructions on all pesticide labels being tankmixed.

<u>PEST</u>	<u>RATE/ACRE</u>	<u>COMMENTS</u>
Citrus Rust Mite	10 gals.	Does not control citrus Snow Scale
Spider Mites	5 gals.	
Scale Insects -Black Soft -Glover -Chaff -Yellow -Purple -Red	5 gals. + 6 pints Ethion 4EC	Summer spray only. Observe all applicable precautions on Ethion label. Do not apply to Navel

-Brown Soft		oranges.
Scale Insects	10 gals.	
-Black Soft		
-Glover		
-Chaff		
-Yellow		
-Purple		
-Red		
-Brown Soft		
Whitefly	5 gals.	
Greasy Spot (Grapefruit)	5 gals.	Tank mix with sufficient copper fungicide to provide 4 lbs/acre of metallic copper.
Greasy Spot (all other varieties)	5 to 10 gals.	If disease pressure is severe, tank mix 4 lbs (metallic) copper/acre. Do not exceed 5 gals. oil if copper used.
Loosening sooty mold	5 to 10 gals.	Use higher rate when disease pressure is heavy.

Best results can be obtained when the oil is added to partially filled spray tank under proper agitation and all foliage is thoroughly covered.

Precautions in the use of oil include: Do not apply oil spray when trees are wilting. Do not apply oil and sulfur within 3 weeks of each other. Oil spray applied after October 1 may increase susceptibility of trees to cold damage and may reduce the fruit crop the following year. Oil sprays applied in the fall may inhibit solids formation in the juice and retard coloring of fruit and should not be applied within 60 days of anticipated harvest. Sensitive foliage may be injured.

Consult the Florida Citrus Spray and Dust Schedule, or your State Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited

to your local.

ORNAMENTAL PLANTS - (Azaleas, Camellias, Gardenias, Holly, Ligustrum, Viburnum, Citrus, Evergreens, Hardy Shrubs) - Against Scale Insects, Spider Mites, Whiteflies use 1 gallon per 100 gallons of water. Apply when infestations first appear, repeat as needed.

AZALEAS AND CAMELLIAS - Apply in spring after blooming and in fall prior to blooming and at least 3 weeks before anticipated freeze.* Spray for even and thorough coverage of plant parts. To avoid plant injury, observe "Note" statements.

AVOCADO - Against Avocado Red Mites, use 3 quarts per 100 gallons of water. Against Florida Red Scale, Avocado Whitefly, Pyriform Scale, use 1 gallon per 100 gallons of water. Apply when infestations first appear. To avoid plant injury, observe "Note" statements.

PALM TREES** - Against Scale Insects, Spider Mites use 1 gallon per 100 gallons of water. Apply when infestation first appears. To avoid plant injury, observe "Note" statements.

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.