

Pm-19

51036-139

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This draft to match use recommendations set forth in 1992 State of Florida Citrus Spray Guide.

SOLUBLE OIL 97
Emulsifiable Oil

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

ACCEPTED
JAN 06 1993
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION

HARMFUL IF SWALLOWED

Avoid contact with eyes and skin. Wash thoroughly after handling.

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

PRECAUTIONARY STATEMENTS
Hazards To Humans and Domestic Animals

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

EPA Reg. No. 51036-139 EPA Est. No. 51036-GA-1

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

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CAUTION

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. Wash thoroughly after handling. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention if irritation persists. Avoid breathing spray mist or vapors.

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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

CHEMIGATION PROHIBITION

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

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.

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

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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 -Brown Soft	5 gals. + 6 pints Ethion 4EC	Summer spray only. Observe all applicable precautions on Ethion label. Do not apply to Navel oranges.
Scale Insects -Black Soft -Glover -Chaff -Yellow -Purple -Red -Brown Soft	10 gals.	
Whitefly	5 gals.	
Greasy Spot		

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(Grapefruit)	5 gals.	Tank mix with sufficient copper fungicide to provide 4 lbs/acre of metallic copper.
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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.
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Loosening sooty mold	5 to 10 gals.	Use higher rate when disease pressure is heavy.
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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.

AVCCADO - 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.