

HI SUPREME SPRAY OIL

ACTIVE INGREDIENT: Mineral Oil.....	98.0%
INERT INGREDIENTS:.....	<u>2.0%</u>
	100.0%

Unulfonated Residue.....93%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED: Do not induce vomiting. Aspiration may be a hazard. ~~Give vegetable oil demulcents.~~ Call a physician or your Poison Control Center ~~if large volume has been swallowed.~~ immediately.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

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

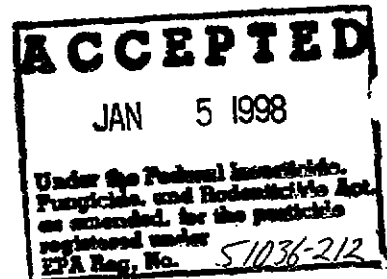
IF INHALED: Remove the victim to fresh air and apply artificial respiration if indicated.

NOTE TO PHYSICIAN: Emergency Information, Call CHEMTREC at (800) 424-9300.

EPA Reg. No. 51036-212

EPA Est. No. 5905-CA-001

MANUFACTURED FOR:
 MICRO FLO CO.
 P.O. BOX 5948
 LAKELAND, FL 33807



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

HARMFUL IF SWALLOWED. Avoid contact with eyes or skin. Avoid breathing vapor or spray mist. In case of contact, immediately flush eyes with plenty of water. If irritation persists, get medical attention. For skin, wash with plenty of soap and water. Harmful if swallowed. If swallowed do not induce vomiting. Call a physician immediately.

PHYSICAL OR CHEMICAL HAZARDS

Do not store, use or spill near heat or open flame. Do not weld, heat or drill container. Residue may ignite with explosive violence if heated sufficiently.

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 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

This pesticide is toxic to fish. 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.

CHEMIGATION PROHIBITION

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

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 4 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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Keep container closed when not in use. Protect from freezing. Keep in shade. In case of spill or leak on floor or paved surfaces, soak up with sand, earth, or synthetic absorbent. Open dumping is prohibited.

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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: 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.

USE PRECAUTIONS

READ ENTIRE LABEL BEFORE USE

- * DO NOT COMBINE WITH SULFUR SPRAYS and DO NOT APPLY spray oil within 30 days before or after an application of sulfur unless trees are in dormant stage. Application during foliage stage within 30 days of a sulfur application will result in phytotoxicity.
- * DO NOT use on foliage closer than 60 days after or 90 days before using captan or folpet products.
- * DO NOT MIX with insecticides or fungicides incompatible with oil. Consult your STATE AGRICULTURAL EXTENSION SERVICE for specific compatibilities.
- * DO NOT APPLY to trees weakened by disease, drought, drying winds, or high nitrogen applications.
- * DO NOT USE HI SUPREME SPRAY OIL when temperatures are above 90° F or below 32 F (usually nighttime lows). Apply to crops when temperatures have warmed above 35 F and crop is free of moisture of melting frost or heavy dew.
- * DO NOT COMBINE with Zinc Sulphate.
- * Maintain constant agitation to prevent broken emulsion which can cause oil injury.
- * Multiple concentrate applications may cause plant injury. Avoid double applications on the ends of crop rows when turning application equipment.
- * Concentrate applications can delay bud development.

DILUTE SPRAYS

Rates given are for gallons of HI SUPREME SPRAY OIL per 100 gallons of water. Fill spray tank with 1/2 the required amount of water. Start agitator. Add total amount of spray oil. Continue operation of agitator while adding balance of water and while spraying. Use only in spray machine with powerful positive agitation. HI SUPREME SPRAY OIL is formulated as a "fastbreak" spray oil, and will not stay in solution unless agitated constantly. Apply to give total coverage to all parts of tree or vine for maximum insect control.

CROP	PESTS	FOLIAR APPLICATION	DORMANT OR DELAYED DORMANT APPLICATION	FURTHER USE INSTRUCTIONS
<p>APPLES, ALMONDS, APRICOTS, CHERRIES, NECTARINES, OLIVES, PEACHES, PEAR, PLUMS, PRUNES, WALNUTS</p>	<p>San Jose Scale, Brown Apricot Scale, Italian Pear Scale, Parlatoria Scale, Oleander Scale, Pear Psylla, Mites</p>	<p>Apply 400 - 800 gallons of spray solution using 1 - 1.2 gallons of oil per 100 gallons of water</p>	<p>Apply 400 - 800 gallons of spray solution using 1 - 2 gallons of oil per 100 gallons of water</p>	<p>Do not apply to oil sensitive varieties due to fruit russetting or phytotoxicity to plant foliage or wood.</p>
<p>CITRUS (ORANGES, GRAPEFRUITS, LEMONS AND OTHER CITRUS VARIETIES)</p>	<p>Red Scale, Yellow Scale, Purple Scale, Black Scale, Citrocola Scale, Brown Soft Scale, Citrus Red Mite, Pacific Spider Mite, Citrus Bud Mite, Two-spotted Spider Mite</p>	<p>Apply 600 - 1,200 gallons of spray solution using 1.2 - 1.4 gallons of oil per 100 gallons of water</p>	<p>-</p>	<p>In Central Calif., apply in July, August and September.</p> <p>For LEMONS in Southern Calif., apply in April and May and/or September through December.</p> <p>The higher dosage is recommended for heavier infestations in early fall.</p> <p>To aid in control of Red, Black, Yellow, or Purple Scale add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage.</p> <p>See Agricultural Extension Service for recommendations on special combinations.</p>
<p>YOUNG NON-BEARING CITRUS</p>	<p>Mites</p>	<p>Apply 100 - 400 gallons of spray solution using 1.2 gallons of oil per 100 gallons of water.</p>	<p>-</p>	<p>Apply during spring, late summer, and fall months.</p>

CROP	PESTS	FOLIAR APPLICATION	DORMANT OR DELAYED DORMANT APPLICATION	FURTHER USE INSTRUCTIONS
GRAPES	Mealybug	4 - 6 (For post harvest Fall spray use only)	4 - 6 (Dormant use only)	Use in 200 to 300 gallons of water per acre.
ORNAMENTALS & SHADE TREES (Conifers, Holly, Pyracantha, Sycamore, Hawthorne, Flowering Peach, Flowering Cherry, Apple, Magnolia, Dogwood, Oak, Privet, Birch)	Black Scale, Brown Apricot Scale, Oyster Shell Scale, San Jose Scale, Soft Brown Scale, Red Spider Mites and Eggs	Apply 100 - 250 gallons of spray solution using 0.5 - 1.0 gallons of oil per 100 gallons of water	-	Conifer applications to Blue Spruce may cause discoloration. Do not use on conifers or other ornamental plants not tolerant to oil sprays.

CONCENTRATE SPRAYS

Rates given are gallons of HI SUPREME SPRAY OIL per acre. Use 40 - 200 gallons of water per acre by ground application and 15 to 30 gallons by aircraft. Dormant, delayed dormant, or foliar applications.

CROP	PESTS	FOLIAR APPLICATION (gals. oil/Acre)	DORMANT OR DELAYED DORMANT APPLICATION (gals. oil/Acre)	FURTHER USE INSTRUCTIONS
APPLES, ALMONDS, APRICOTS, CHERRIES, NECTARINES, OLIVES, PEACHES, PEAR, PLUMS, PRUNES, WALNUTS	San Jose Scale, Brown Apricot Scale, Italian Pear Scale, Parlatoria Scale, Oleander Scale, Dear Peylla, Mites	5 - 8	5 - 8	Do not apply to oil sensitive varieties due to fruit russetting or phytotoxicity to plant foliage or wood.

CROP	PESTS	FOLIAR APPLICATION (gals. oil/Acre)	DORMANT OR DELAYED DORMANT APPLICATION (gals. oil/Acre)	FURTHER USE INSTRUCTIONS
CITRUS (ORANGES, GRAPEFRUITS, LEMONS AND OTHER CITRUS VARIETIES)	Red Scale, Yellow Scale, Purple Scale, Black Scale, Citrocola Scale, Brown Soft Scale, Citrus Red Mite, Pacific Spider Mite, Citrus Bud Mite, Two-spotted Spider Mite	10 - 20 Apply using a mist sprayer in 50 - 100 gals. of water per acre. Spray droplets should be discharged into an air stream pattern of high velocity (above 100 mph) with sufficient volume to carry spray through the tree canopy. Ground speed should not exceed 1.5 mph.	-	In Central Calif., apply in July, August and September. For LEMONS in Southern Calif., apply in April and May and/or September through December. The higher dosage is recommended for heavier infestations in early fall. To aid in control of Red, Black, Yellow, or Purple Scale add a suitably labeled insecticide. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations.
FIGS	Fig Scale	-	3	For dormant or delayed dormant use only.
KIWI FRUIT (California only):	Latania Scale, Greedy Scale, Oleander Scale, San Jose Scale	-	4 - 6	Use in a minimum of 100 gallons of water per acre. Use higher rate where scale populations are high. Do not apply after buddbreak. Do not use on weak or stressed vines, or where soil moisture is inadequate.
PISTACHIO (Arizona only)	Scale Insects	-	4 - 6	Apply in 40 to 400 gallons of finished spray mix per acre.
PISTACHIO (California only)	Parthenolecani um Soft Scale	-	6	Apply as a dormant and/or post harvest treatment. Apply at a rate of 100 to 400 gallons of finished spray mix per acre.

SPREADER-STICKER ON ALL CITRUS VARIETIES

This product may be used as a spreader-sticker with a suitable insecticide or miticide at a rate not to exceed 1.0%. Do not use when freezing temperatures are expected. Care should be taken in combining oil sprays with certain miticides and insecticides due to possible increased phytotoxicity when applied over foliage. See Agricultural Extension Service for recommendations on special combinations.

MICRO FLO WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSE STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS FOR USE. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE 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 THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MICRO FLO. IN NO CASE SHALL MICRO FLO BE LIABLE FOR THE CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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