



# CITRUS SOLUBLE OIL HEAVY MEDIUM

FEB 06 1996  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under Reg. No. 34704-383

**For use on Citrus And Olives**

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
Petroleum Oil .....	99.30%
<b>INERT INGREDIENTS:</b> .....	0.70%
<b>TOTAL</b>	
100.00%	

**Classification—Heavy Medium**  
**Unulfonated Residue—92.0% Minimum**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See Below For Additional Precautionary Statements  
EPA REG. NO. 34704-383  
EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ L)  
5102 EXP11Y95

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

Harmful if swallowed. Avoid inhalation of spray mist.  
**Personal Protective Equipment:**  
Some pesticides that are over category 1 are listed below. If you want more options, follow the instructions for category E on the EPA chemical resistance category selection chart.  
**Applicators and other handlers must wear:** long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton, and 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.  
**Engineering controls statements:**  
When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (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 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.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Do not induce vomiting. Call a physician immediately.  
If in eyes: Wash thoroughly with water and if irritation persists, consult a physician.  
If inhaled: Remove victim to fresh air. Apply respirator if indicated.  
If on skin: Wash affected area with soap and water.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. For terrestrial uses, 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. Apply this product only as specified on the label.

**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), 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 entry into treated areas that is permitted under the Worker Protection Standard that involves contact with anything that has been treated, such as plants, soil or water, its coveralls, chemical-resistant gloves, long-sleeved shirt and pants, rubber boots, protective eyewear, and shoes plus socks.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.  
In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.  
To confine spill: If liquid, dike surrounding area or absorb liquid with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.  
**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:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not apply this product through any type of irrigation system).  
**MIXING DIRECTIONS:** Before using this product, be sure the spray tank is clean and contains just enough water to cover the agitator shaft.  
If an injector is used, first add 25 to 50 gallons of water to tank with engine running to provide good pressure. Then put injector suction tube into the measured amount of spray oil, opening injector valve to allow the oil to be sucked into the tank. Then fill the tank with water. With enough water in tank to cover agitator shaft and with shaft in motion, add desired amount of this material for full tank. Pump this mixture through the overflow and back into tank for about two minutes to insure proper emulsification. Fill with water, adding other desired materials as tank is filling. Keep agitator

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running at all times. Sufficient agitation must be present to insure proper emulsification at all times.

Do not use this material if it does not emulsify.

**USAGE CAUTIONS:** Use efficient equipment of the proper type; avoid spraying during or immediately prior to hot or freezing weather, hot dry winds, rain or other unsuitable conditions; avoid overspraying or doublespraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable.

Do not use in undiluted form.

Do not allow this material to drift onto neighboring crops or non-crop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

Do not make an oil spray application within 2 weeks prior to or after an application of sulfur on olives. On Citrus do not make an oil application within 60 days prior to or after an application of sulfur in California. Do not apply prior to or during period of excessively high summer temperatures.

**CITRUS: (California Only) — Grapefruit, Lemons, Oranges (Navel and Valencia), Tangelos, and Tangerines.**

PEST	APPLICATION RATE	COMMENTS
Mites —Citrus Red —Citrus Rust	Apply 1 1/2 to 2 gals./100 gals. of water as a thorough coverage spray (TC) or 1 to 10 gals./acre.	
Scale Insects —Black Soft —Brown Soft —Citricola —Purple —Red —Yellow	Apply up to 10 gals./acre on bearing trees up to 10 feet in height. Add 1 gal. of oil per acre for each foot of tree height over 10 feet.	For Lemons, Grapefruit and Oranges (Navels and Valencias).

#### OLIVES:

PEST	APPLICATION RATE	COMMENTS
Scale Insects —Black —Oleander —Olive —Parlatoria	Apply 1 1/2 to 2 gals./100 gals. of water as thorough coverage spray (TC).	

Special attention has been given in the formulation of this product to make it compatible with a wettable powder material, for example, Malathion 25 Spray for use only on citrus, and products used for the correction of minor element deficiencies in citrus and olives.

**CITRUS: (Florida Only) — Grapefruit, Lemons, Limes, Oranges, Tangelos and Tangerines.**

PEST	APPLICATION RATE	COMMENTS
Citrus Rust Mite	10 gals./acre	Does not control citrus Snow Scale.
Spider Mites	5 gals./acre.	
Scale Insects —Black Soft —Brown Soft —Chaff —Glover —Purple —Red —Yellow	5 gals./acre + 6 pints Ethion 4EC.	Summer spray only. Observe all applicable precautions on Ethion label. Do not apply to Navel oranges.
Scale Insects —Black Soft —Brown Soft —Chaff —Glover —Purple —Red —Yellow	10 gals./acre.	
Whitefly	5 gals./acre.	
Greasy Spot (Grapefruit)	5 gals./acre	Tank mix with sufficient copper fungicide to provide 4 lbs./acre of metallic copper.
Greasy Spot (all other varieties)	5 to 10 gals./acre.	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./acre.	Use higher rate when disease pressure is heavy.

Best results can be obtained when the oil is added to a 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 in Florida. 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 Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your locale.

#### NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. 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 PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

FORMULATED FOR  
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