

# SUNGRO 455 SOLUBLE OIL

## ACTIVE INGREDIENT:

Petroleum distillate.....99.0%

INERT INGREDIENTS:.....1.0%

TOTAL.....100.0%

Unulfonated residue (minimum).....92%

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

#### FIRST AID

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.
- Do not give any liquid to the person.

**IF INHALED:**

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** Petroleum distillate may pose an aspiration pneumonia hazard.

EPA Reg. No. 5905-546 NET CONTENTS  
EPA Est. No.

**MANUFACTURED FOR  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TN 38017**

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

### CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### 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: Long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene or viton and shoes plus socks.

Follow manufacturer's instructions for cleaning/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:
- 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.

#### ENVIRONMENTAL HAZARDS

This product 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 by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

#### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry, locked area out of the reach of children. Keep oil content tightly closed in storage to prevent entry of water.

**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.

#### 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 reentry 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:  
Coveralls

**ACCEPTED**

DEC 8 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5905-546

Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber of viton and Shoes plus socks

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 formulation 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 in the spraying program best suited to your local.

**CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

**Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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**CHEMIGATION PROHIBITION**

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

**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 application 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 and 50 gallons for concentrate ground application. When tank mixing 455 Oil with other pesticides, check compatibility before mixing in application equipment. Follow all precautions and instructions on all pesticide labels being tank mixed.

Do not apply when temperatures exceed 95 degrees F. or when humidity is below 20%.

Citrus (Florida)- Grapefruit, Lemons, Limes, Oranges, Tangelos and Tangerines.

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

<u>PEST</u>	<u>RATE/ACRE</u>	<u>COMMENTS</u>
Greasy Spot (Grapefruit)	5 Gals.	Tank mix with sufficient copper fungicide to provide 4 lbs./acre of metallic copper.
Greasy Spot	5 to 10 gals.	If disease pressure is severe, tank(all other varieties) 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