



# SUPREME OIL

## INSECTICIDE

<b>ACTIVE INGREDIENT:</b>		<b>By Wt.</b>
Mineral Oil* .....		<b>98.00%</b>
<b>INERT INGREDIENTS:</b> .....		<b>2.00%</b>
	<b>TOTAL</b>	<b>100.00%</b>

\*Contains petroleum distillates  
 (Un sulfonated residue ..... 92.00%)  
 Aromatic composition by ASTM D2140 ..... 0.0%

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

**See Below For Additional Precautionary Statements.**

<b>FIRST AID</b>	
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not give any liquid to a person.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** This product contains petroleum distillates and may pose an aspiration pneumonia hazard. **NOTE:** If other products are combined with Supreme Oil, observe the precautions on those product's labels.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**EPA REG. NO. 34704-352  
 EPA EST. NO. 080874-ID-001  
 NET CONTENTS 2½ GALS. (9.46 L)**

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

**Harmful if swallowed or inhaled. Wash thoroughly with soap and water after handling. Avoid breathing spray mist. Remove contaminated clothing and wash thoroughly before reuse.**

**Personal Protective Equipment (PPE):**

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

**Mixers, loaders, applicators, flaggers, and other handlers must wear:**

- Long-sleeved shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or viton.

See engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**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.

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

**ENVIRONMENTAL HAZARDS**

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 equipment washwater or rinsate. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

**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.

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

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**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 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 soil or water, is:

- Coveralls,
- Shoes plus socks, and
- Chemical-resistant gloves made of any waterproof material.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter until sprays have dried.

**Read Entire Label. Use Strictly in Accordance with Label Cautions and Directions.**

**MIXING DIRECTIONS:** Check this product for proper emulsification by mixing a small quantity of it with water in a small container before filling the entire spray tank. Correct emulsification is indicated when a uniform milk white spray mixture results while shaking. If the spray mixture is not white after shaking, do not use the remaining product.

With agitator running start filling spray tank with water. When combining with wettable powder insecticide or fungicide products, add these first when tank is 1/3 filled. Add this oil when tank is about 1/2 full and while there is sufficient agitation of the spray to insure complete emulsification.

Do not use if material does not emulsify.

Do not use in undiluted form.

**SPRAY DRIFT MANAGEMENT**

A variety of factors including weather condition (e.g., wind direction, wind speed, temperature inversions, relative humidity) and method of application (e.g., ground, aerial, airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

**Wind Speed:** Do not apply at wind speeds greater than 15 mph at the application site.

**Temperature Inversions:** If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

**Droplet Size:** Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

**GROUND APPLICATIONS**

**Release Height:** Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

**Wind Speed:** Do not apply at wind speeds greater than 15 mph at the application site.

**Droplet Size:** Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

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**AIRBLAST APPLICATIONS**

For airblast applications, turn off outward-pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

**AERIAL APPLICATIONS**

**Release Height:** For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top of crops, or above the orchard canopy.

**Boom Length:** The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.

**Swath Adjustment:** When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.

**Wind Speed:** Do not apply at wind speeds greater than 15 mph at the application site.

**Droplet Size:** Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

**LIMITATIONS ON APPLICATIONS TO CITRUS CROPS:** Do not exceed a maximum of 212 pounds of active ingredient (in a maximum volume of 2000 gallons of spray mix) per acre when treating citrus in California. Do not exceed a maximum of 159 pounds of active ingredient (in a maximum volume of 1500 gallons of spray mix) per acre when treating citrus in Florida or Texas.

**RESTRICTIONS:** Before using, make certain spray tank is free of sulfur residues. Do not apply sulfur within 30 days except in the Northwest (Oregon and Washington) where it may be used in combination on Pears as a Post Harvest (after old fruit is off the tree), Dormant and Delayed Dormant (before the scales slip, or at or prior to bud swell) treatment and on Apples prior to or up to the Delayed Dormant (½ inch green) period. Do not apply to Captan within 90 days after or 60 days before this oil. If in doubt, spray a portion of one tree previously treated with Sulfur or Captan using 1 quart to 25 gallons water. Burn will show in several days if sufficient time has not elapsed). Avoid application of oil sprays just prior to or during hot weather (95°F), rainy weather or drying winds. Apply when temperature is above 32°F.

Avoid overspraying or double spraying. **Use only when trees are in healthy condition and when moisture conditions are sufficient. Trees weakened by disease, drought or high nitrogen applications may be injured by oil.**

Amounts given are for 100 gallons of diluted spray.

**ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: Dormant or Delayed Dormant—**Brown Apricot Scale, Black Scale, San Jose Scale, Olive Scale, Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Brown Soft Scale, Eggs of Aphids, European Red Mite, Brown Mite and Leafroller—2 to 2½ gallons per 100 gallons of water. **Aerial Application: Dormant and Delayed Dormant Application Only:** Apply 3 to 5 gallons in a minimum of 15 to 20 gallons of water per acre. Apply only when soil conditions do not permit regular ground application. **As a Concentrate Spray:** Use 4 to 6 gallons per acre. **Summer Use:** Red Spider Mite—3 to 4 quarts.

**APPLES: Delayed Dormant—**Rust Mite—1½ to 2 gallons. **Summer Use—**Rust Mite—1 to 1½ gallons. **Aerial Application: Delayed Dormant Application Only:** Apply 3 to 5 gallons in a minimum of 15 to 20 gallons of water per acre. Apply by air only when soil conditions do not permit regular ground application. **As a Concentrate Spray:** Use 4 to 8 gallons per acre.

**APPLES, PEARS: Dormant or Delayed Dormant—**San Jose Scale, Italian Pear Scale, Eggs of Aphids, Red Spider Mites—1½ to 2 gallons. **Summer Use:** Red Spider Mites—3 to 4 quarts; Summer Forms of San Jose and Italian Pear Scale—1 to 1½ gallons. **Aerial Application: Dormant and Delayed Dormant Application Only:** Apply 3 to 5 gallons in a minimum of 15 to 20 gallons of water per acre. Apply by air only when soil conditions do not permit regular ground application. **As a Concentrate Spray:** Use 4 to 8 gallons per acre.

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**PEARS: Post Harvest and Delayed Dormant Treatment**—Pear Psylla—2 gallons. **Summer Use**—Pear Psylla—1 to 1½ gallons. **Fall Spray and Delayed Dormant**—Blister Mite—2 gallons. **Aerial Application: Dormant and Delayed Dormant Application Only:** Apply 3 to 5 gallons in a minimum of 15 to 20 gallons of water per acre. Apply by air only when soil conditions do not permit regular ground application. **As a Concentrate Spray:** Use 4 to 8 gallons per acre.

**FIGS:** Fig Scale—**Dormant**—Use 3 gallons of this product or 2½ gallons of this product plus the appropriate label rate of insecticide registered for use on figs.

**GRAPES:** Mealybug—**Dormant**—2 gallons plus the appropriate label rate of insecticide registered for use in grapes in 200 gallons spray per acre, depending upon size of vines.

**OLIVES:** Olive Scale, Spider Mites, Oleander Scale, Black Scale—Use 1½ gallons of this product or combine with the appropriate label rate of insecticide registered for use on olives per 100 gallons of water. Apply in the pre-bloom or in post-bloom stage up to August 1st.

**NAVAL ORANGES:** Red Scale, Black Scale, Yellow Scale, Purple Scale, Red Spider Mites—3 quarts of this product plus 1 pound Malathion 25 Wettable. Do not use after September 1st.

**VALENCIA ORANGES:** Red Scale, Black Scale, Yellow Scale, Purple Scale, Red Spider Mites—1 gallon. Apply no later than September 1st; or use 3 quarts of this product plus 1 pound Malathion 25 Wettable, applied not later than September 15.

**LEMONS, GRAPEFRUIT:** Red Scale, Yellow Scale, Purple Scale, Black Scale, Red Spider Mites—1 to 1¼ gallons of this product plus 1 pound Malathion 25 Wettable. For best results spray during winter and spring months when Red Scale are more easily controlled and trees generally less reactive to oil sprays. Do not use on lemons within 8 weeks of harvest.

**WALNUTS: Delayed Dormant**—Brown Apricot Scale, Black San Jose Scale, Olive Scale, Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Putnam Scale, Brown Soft Scale, Eggs of Aphids, Red Spider Mites—1½ to 2 gallons. **Summer Use**—Red Spider Mites 3 to 4 quarts; Summer Stages of Brown Apricot Scale, San Jose Scale—1 gallon. This treatment should only be used on trees that have not suffered from lack of moisture at any time during the growing season. Further, oil should not be applied to orchards where soil moisture is low.

**ORNAMENTALS AND SHADE TREES:** Conifers (See Note) Holly, Pyracantha, Sycamore, Hawthorn, Flowering Peach, Flowering Cherry, Apple, Magnolia, Maple, Dogwood, Oak, Privet, Birch: Brown Soft Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, San Jose Scale, Red Spider Mites and Eggs—1 gallon to 100 gallons water. **Dormant Spray on Deciduous Varieties**—2 gallons per 100 gallons water. **Dormant Spray on Other Varieties**—1 gallon per 100 gallons water. NOTE: May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.

**CORN:** This product may be used in combination with atrazine at the rate of 1 gallon in 20 to 40 gallons of water per acre by ground and ½ gallon in not less than 5 gallons of water per acre by air. Follow the cautions limitations and directions for use given on the label for the atrazine product.

**DEALERS MUST SELL IN ORIGINAL PACKAGES ONLY.**

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**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or 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 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**

**Nonrefillable container.** Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at [www.acrecycle.org](http://www.acrecycle.org). If not recycled, then puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

**For packages up to 5 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 5 gallons: Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

**For packages greater than 56 gallons:** To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**For refillable containers:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling or reconditioning, if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.**

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

**BEFORE BUYING OR USING THIS PRODUCT**, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

**FORMULATED FOR  
LOVELAND PRODUCTS, INC.  
P.O. BOX 1286, GREELEY, COLORADO 80632-1286**