



# SUPERIOR SPRAY OIL

ACCEPTED

JUL 14 1995

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-551

## INSECTICIDE-MITICIDE

<b>ACTIVE INGREDIENT:</b>	<b>BY WT.</b>
Mineral Oil .....	98.84%
<b>INERT INGREDIENTS:</b> .....	1.16%
<b>TOTAL</b>	<b>100.00%</b>

Unsulfonated Residue (ASTM D-483) 92%  
Petroleum Oil Classification — Unclassified.

## ENVIRONMENTAL HAZARDS

Fish and other aquatic life may be killed by this product. 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 apply when weather conditions favor drift from the areas treated. Do not apply where run-off is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

## PHYSICAL OR CHEMICAL HAZARDS

For foliage applications, the spray tank must be free of any sulfur residue before using this product. Do not combine sulfur sprays with this oil on foliage and do not follow a previous application of sulfur or apply sulfur following this oil until sufficient time has elapsed for safety (at least 30 days). If in doubt, spray a portion of one tree previously treated with sulfur, using 1 quart to 25 gallons water. If sufficient time has not elapsed, burn will show in several days. Do not use this product when temperatures are above 90° Fahrenheit. When temperatures drop below 32° F. (usually night-time lows), do not spray tree and vine crops until daytime temperatures have warmed to a point above 40° F. and are free from moisture due to melting frost or heavy dews. Do not use on foliage closer than 60 days after or 90 days before using Captan or Phaltan products. Do not combine with Captan, PHALTAN® (Folpet), SEVIN® (carbaryl), Dichloro, or KARATH/NE® as foliage or fruit injury may occur.

Application to trees weakened by disease, drought, drying winds, or high nitrogen applications may result in oil injury.

DO NOT USE IF EMULSION BREAKS IN SPRAY TANK. If emulsion breaks, free oil will float to surface, leaving excessive oil accumulation in the tank. Severe injury to trees or vines may occur if used under these conditions.

## 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 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, chemical-resistant gloves, such as barrier laminate, nitrile rubber, neoprene rubber or viton and shoes plus socks.

## 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.

Keep children and pets out of the treated area until sprays have dried

## KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-551

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALS. ( \_\_\_\_\_ L)

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## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

### CAUTION

Harmful if swallowed. Do not induce vomiting. Call a physician immediately. Avoid inhalation of vapors or spray mist.

## STATEMENT OF PRACTICAL TREATMENT

If swallowed, do not induce vomiting; call a physician immediately.  
If on skin, remove from the skin by waterless hand cleaners followed by washing with soap, water, and a soft skin brush.  
If in eyes, flush eyes with plenty of water for 15 minutes. Call a physician.

## 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 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

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**STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal.

Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

**STORAGE:** Store in safe manner. Store in original container only.

Keep container tightly closed when not in use.

Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength.

**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.

**GENERAL INFORMATION**

This product is a specially refined high paraffinic oil that assures a high degree of purity as indicated by its minimum unsulfonated residue value of 92%. It is formulated to give maximum insecticide efficiency. This oil, when mixed with the specified amount of water, is for use on plants in the dormant stages or during the foliage period. The spray, when applied in keeping with State Extension Service recommendations, provides effective control of specific mites, scale, and other insect pests on deciduous trees and ornamentals. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNING AND DIRECTIONS.

**MIXING DIRECTIONS**

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 oil when tank is about 1/2 full and while there is sufficient agitation of the spray to insure complete emulsification. Complete emulsification is indicated when a uniform milky white spray mixture results. If the spray mixture does not emulsify, do not use this product.

**APPLICATIONS**

AMOUNTS GIVEN ARE FOR 100 GALLONS OF DILUTED SPRAY MIXTURE, EXCEPT WHERE OTHERWISE INDICATED. Do not apply this product through any type of irrigation system.

**APPLES: Dormant or Delayed Dormant:** For the control of San Jose Scale, Aphids, European Red Mite, and Brown Mite Eggs use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

**PEARS: Dormant or Delayed Dormant:** For the control of San Jose Scale, Aphids, European Red Mite and Brown Mite Eggs, and Pear Psylla Eggs use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

**APPLES, PEARS: Summer Application:** For the control of Orchard Mites use 3 to 4 quarts; summer forms of San Jose Scale use 1 to 1 1/2 gallons.

**APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: Dormant or Delayed Dormant:** For the control of San Jose Scale, European Fruit Lecanium, Aphids, European Red Mite and Brown Mite Eggs use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

**GRAPES: Dormant:** For the control of Mealybug and Cottony Maple Scale use 1 gallon. Apply at the rate of 200 to 300 gallons of this mixture per acre.

**ORNAMENTALS AND SHADE TREES:** Conifers (See Note), Holly, Pyracantha, Sycamore, Hawthorne, 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 oil may be used in combination with Atrazine 80WP or 4L at the rate of 1 gallon in 20 to 40 gallons of water per acre by ground and 1/2 gallon in not less than 5 gallons of water per acre by air. Follow the cautions, limitations and directions for use given on an Atrazine 80WP and 4L label.

**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  
**PLATTE CHEMICAL CO.**

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