



IDEAS TO GROW WITH®

# SUPREME OIL 98

**ACCEPTED**

JAN 28 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticides registered under EPA Reg. No. 2935-523

## MITICIDE – INSECTICIDE

ACTIVE INGREDIENT	% By WT.
Mineral Oil .....	98.0%
INERT INGREDIENTS .....	2.0%
TOTAL .....	100.0%
Minimum unsulfonated residue (ASTM D-483) .....	92.0%

EPA REG. NO. 2935-523

EPA Est. No. 2935-WA-3

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

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

<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 induce vomiting unless told to by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything 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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin:</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>
<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 mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

**NOTE TO PHYSICIAN:** Contains petroleum distillate-Vomiting may cause aspiration pneumonia.

#### PRECAUTIONARY STATEMENTS CAUTION

**HAZARDS TO HUMANS:** Harmful if swallowed or absorbed through the 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 (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 an EPA chemical resistance category selection chart.

Applicators and other handlers must wear: a) Long-sleeved shirt and long pants; b) Chemical-resistant gloves such as Barrier Laminate, Nitrile Rubber, Neoprene Rubber or Viton; c) Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such directions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Terrestrial uses on the label. Do not apply directly to water, 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not expose to heat, flame, sparks or other sources of ignition.

**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.

**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 apply only 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: A) Coveralls; B) Chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber or Viton; C) Shoes plus socks.

**Directions for Use continued:**

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

To avoid injury to trees, fruit or foliage the following precautions should be taken when using emulsifiable spray oils; Do not combine SUPREME OIL 98 with sulfur sprays on foliage or apply following a sulfur spray on foliage. Avoid applications of sulfur following sprays of SUPREME OIL 98 until sufficient time has elapsed for oil dissipation. For foliage applications, the spray tank should be free of sulfur residues. After bloom, do not combine or injury may result. When through spraying with oil, clean tanks and system of any residues in that oil residues may cause crop injury when combined with some spray materials. On oil sprays both dormant and summer followed or preceded by sprays of other materials that may not be compatible with oil, sufficient interval needs to be maintained as there is the potential for serious leaf and fruit bud injury and a reduction in fruit set.

Do not use if emulsion breaks. If the emulsion should break in the spray tank, free oil will float to the surface causing excessive oil deposits at the end of each

Severe injury to trees may result if used under these conditions. When cool, slow drying conditions exist, labeled rates may cause greater potential for delayed bud development and or leaf and fruit bud damage which may result in reduced fruit set. Use lower labeled rates or delay application until weather improves. Do not apply when temperatures are likely to fall below freezing before the spray has had a chance to dry. Do not apply SUPREME OIL 98 when temperature is below 40°F. Avoid use in sprayers having hydraulic agitation or those having insufficient agitation to form an emulsion with SUPREME OIL 98.

If spray solution containing SUPREME OIL 98 has set without agitation for more than five minutes, be sure to flush all spray hoses back into spray tank and agitate for five minutes before resuming spray application.

**MIXING DIRECTIONS**

With agitator running, start filling spray tank with water. When combining with wettable powder or fungicide products, add these first when tank is 1/3 filled. Add SUPREME OIL 98 when tank is about 1/2 full and while there is sufficient agitation of the spray to complete emulsification. Be sure whether spraying by air or ground, dilute or concentrate, that agitation is adequate to keep the spray mixed uniformly.

**AERIAL APPLICATION:** When applying SUPREME OIL 98 with aerial equipment, apply 2 to 5 gallons per acre. On young trees or oil susceptible varieties, use the lower rates. Use sufficient water and total gallonage per acre to give thorough coverage. Consult your local Ag Chem authority for approved combinations of SUPREME OIL 98 with other materials.

**APPLES:** Dormant to delayed timing for the control of SAN JOSE SCALE, APHIDS, EUROPEAN RED and BROWN MITE EGGS and GRAPE MEALYBUG.

**Dilute application (200 to 400 gallons per acre):** Use 1 to 2 gallons of SUPREME OIL 98 per 100 gallons of water. Be sure to maintain thorough coverage for adequate pest control. Do not exceed 8 gallons of SUPREME OIL 98 per acre. Consult your local agricultural consultant for specific area rates.

**Concentrate application (25 to 125 gallons per acre):** Use 2 to 5 gallons of SUPREME OIL 98 per acre. On young trees and on oil-susceptible varieties use the lower rate. Consult your local agricultural consultant for specific area rates.

Summer application timing for the control of ORCHARD MITES and SAN JOSE SCALE.

**Dilute application (200 to 400 gallons per acre):** Use 1 to 4 quarts of SUPREME OIL 98 per 100 gallons of water as a dilute spray.

**Concentrate application (25 to 125 gallons per acre):** Use 1 to 3 gallons of SUPREME OIL 98 per acre. On young trees and susceptible varieties use lower rates. Special precautions should be used in summer oil applications. Summer oil applications have greater potential for plant and fruit damage than pre-bloom applications.

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**PEARS:** Dormant to delayed dormant timing for the control of SAN JOSE SCALE, APHIDS, EUROPEAN RED and BROWN MITE EGGS, GRAPE MEALY-BUG, a synergist for PEAR PSYLLA insecticides and delay of PEAR PSYLLA egg depositions. If two applications are used pre-bloom at the dormant and delayed dormant timings, then reduce oil rates to the lower labeled amounts.

**Dilute application (200 to 400 gallons per acre):** Use 1 to 2 gallons of SUPREME OIL 98 per 100 gallons of water. Be sure to maintain thorough coverage for adequate pest control.

**Concentrate application (25 to 125 gallons per acre):** Use 2 to 5 gallons of SUPREME OIL 98 per acre. On young trees and oil-susceptible varieties use lower rates.

Summer applications for the control of ORCHARD MITES, SAN JOSE SCALE and as a synergist for PEAR PSYLLA INSECTICIDES.

**Dilute application (200 to 400 gallons per acre):** Use 1 to 4 quarts SUPREME OIL 98 per 100 gallons of water as a dilute spray.

**Concentrate application (25 to 125 gallons per acre):** Use 1 To 3 gallons of SUPREME OIL 98 per acre. On young trees and susceptible varieties use lower rates. Special precautions should be used in summer oil applications. Summer oil applications have greater potential for plant and fruit damage than pre-bloom applications. At higher elevations and cooler pear growing districts use lower end of labeled rates.

**APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES:** Dormant to delayed dormant timing for the control of SAN JOSE SCALE, APHIDS, EUROPEAN RED and BROWN MITE EGGS.

**Dilute application (200 to 400 gallons per acre):** Use 1 to 2 gallons of SUPREME OIL 98 per 100 gallons of water as a dilute spray.

**Concentrate application (25 to 125 gallons per acre):** Use 3 to 5 gallons of SUPREME OIL 98 per acre. On young trees and oil-susceptible varieties use the lower rate.

**GRAPES:** For the control of MEALY BUGS, apply at the rate of 1 gallon per 100 gallons of water. Use 300 gallons of this mixture per acre with thorough coverage of the vines at delayed dormant stage up to bud break.

**For concentrate applications:** Use 3 gallons per acre in 40 to 100 gallons of water.

**ALNUTS (Late spring to Mid-Summer only):** Summer stages of FROSTED SCALE, EUROPEAN FRUIT SCALE, SAN JOSE and other soft-shelled scale, SPIDER MITES. Use 2 to 4 quarts of SUPREME OIL 98. The addition of an approved phosphate insecticide aids in scale control. See label for recommended dosages. Do not apply after husk split.

**ORNAMENTAL and SHADE TREES** such as, but not limited to, Pyracantha, Sycamore, Hawthorn, Flowering Peach, Flowering Cherry, Flowering Crab, Apple, Magnolia, Maple, Dogwood, Oak, Privet, Birch, (Conifers and Broadleaf Evergreens – see cautions).

For use on: Soft Brown Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, San Jose Scale, overwintering Aphids, Mites and Mite Eggs. Use 1-2 gallons per 100 gallons of water. The higher rate will be more effective. This product may be used as a summer oil, but test thoroughly on all species intended for treatment prior to commercial use.

**CAUTIONS:** Do not spray on freshly sheared or pruned plant materials. Do not use on Conifers and ferns not tolerant to oil sprays. In colder climates, broadleaf evergreens such as Rhododendrons, Cherry Laurel, Holly, Ivy, Azalea, Oregon Grape, Cotoneaster, Barberry and Yews may be sensitive to oil sprays. All oil sprays may cause discoloration to blue spruce and blue varieties of Junipers. Allow sprays to dry before temperatures fall below freezing. Do not spray at temperatures below 35 degrees Fahrenheit. If handgun has not been used for 20 minutes or longer, recirculate back into the tank until the hose is flushed. Insecticides approved for ornamental use, such as Dursban or Diazinon may be added. Read and follow all label instructions on the insecticide labels.

### **STORAGE AND DISPOSAL**

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**INSECTICIDE 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**STORAGE:** Store in original container only and keep sealed. Store in closed storage areas. Use caution when moving, opening, closing or pouring.

NOTICE: The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

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**IN CASE OF EMERGENCY, CALL CHEMTREC: (800) 424-9300**

**NET CONTENTS:**

Manufactured for:

**WILBUR-ELLIS COMPANY**  
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