

59639-20

06/28/2000

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FOR SIG

**VOLCK® Supreme Spray**  
**(INSECTICIDE-MITICIDE)**

**A Superior Oil Spray**

Active Ingredient	Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 59639-20	By Wt.
Petroleum Oil		97.95%
Other Ingredients		2.05%
Total		100.00%

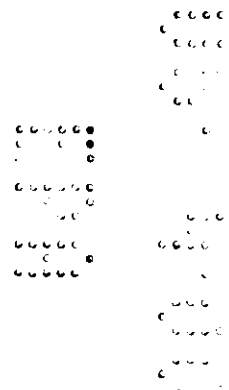
Petroleum Oil Min. Unsulfonated Residue - 99%  
 Petroleum Oil Classification - Unclassified.

**FOR WESTERN AGRICULTURE**

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

**SEE BELOW FOR ADDITIONAL**  
**PRECAUTIONARY STATEMENTS**

**NET CONTENTS \_\_\_\_\_ GALLONS**



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

## CAUTION

Harmful if absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. In case of contact immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

### FIRST AID

<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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</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 to 20 minutes.</li> <li>• 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 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 <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.</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>

### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. **Emergency Information - call 1-800-892-0099.**

### NOTE TO PHYSICIANS

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

### PERSONAL PROTECTIVE EQUIPMENT (PPE):

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, 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 REQUIREMENTS

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 when disposing of equipment washwaters. Apply this product only as specified on the label.

**PHYSICAL OR CHEMICAL HAZARDS:**

Do not weld, heat or drill this container. Residues may ignite with explosive violence if heated sufficiently.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

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 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: coveralls, waterproof gloves, and shoes plus socks.

**DISCLAIMER, RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this Disclaimer, Risks of Using this Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The Buyer and User (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. The Buyer should be aware that these inherent unintended risks may reduce the harvested yield of the crop in all or a portion of the treated acreage, or otherwise affect the crop such that additional care, treatment and expense are required to take the crop to harvest. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label and subject to the Risks of Using This Product as described above. EXCEPT AS SET FORTH ABOVE, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED. No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

In no event shall Valent or Seller be liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. The limitation includes, but is not limited to, loss of yield on all or any portion of the treated acreage, increased care, treatment or other expenses required to take the crop to harvest, increased finance charges or altered finance ratings, emotional or mental distress and/or exemplary damages. THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.

**PROMPT NOTICE OF CLAIM**

Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made.

If Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability, which may not be modified by any oral or written agreement.

**TANK MIXES**

**NOTICE:** Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor.

Read and follow the entire label of each product to be used in the tank mix with this product.

## DIRECTIONS

VOLCK Supreme Spray is an especially refined Phytonomic Oil Contact Insecticide. It is for use on plants in foliage or the dormant stage.

When using this product in combination with other pesticides as directed on this label, observe appropriate cautions, limitations for the product involved.

For foliage applications, the spray tank must be free of any sulfur residue before using VOLCK Supreme Spray. Do not combine sulfur sprays with VOLCK Supreme Spray on foliage and do not follow a previous application of sulfur or apply sulfur following VOLCK Supreme Spray 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 qt. to 25 gals. water. If sufficient time has not elapsed, burn will show in several days. Do not use VOLCK Supreme Spray when temperatures are above 90° Fahrenheit. When temperatures drop below 32° Fahrenheit (usually nighttime lows), do not spray tree and vine crops until daytime temperatures have warmed to a point above 35° Fahrenheit 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 folpet products.

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

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

## AIR APPLICATION

Apply quantity of product shown for each listed crop for control of listed insects in sufficient water to make a minimum of 20 gals. dilute spray per acre by air application. Follow timing shown for each crop as shown on container label. **Use only as emergency application when soil conditions do not permit regular ground application.**

**NOTE:** Do not apply VOLCK Supreme concentrate to Queen Ann variety or other oil sensitive varieties as phytotoxicity to buds and new wood will result.

**GENERAL NOTES:** Observe on all crops and uses - oil effectiveness in dormant and delayed dormant applications is determined by thoroughness of coverage. Concentrate applications may reduce coverage and effectiveness. Oil applications made to trees that are weak or suffering from moisture stress or when slow drying of spray occurs may cause bud, twig or leaf injury.

Phytotoxicity studies have not been made on all fruit varieties, or in all growing areas in California for concentrate applications. Concentrate spraying is a more exacting technique of spray application than dilute. Concentrate spray equipment must be properly calibrated and operated to obtain desired results.

## 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 mixture, with a blue color, results on shaking. If this mixture is not a milky emulsion 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 VOLCK Supreme Spray when tank is about 1/2 full and while there is sufficient agitation of the spray to ensure complete emulsification.

**Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof unfit for sale, use or consumption.**

**NOTE:** Multiple concentrate applications may cause wood injury. Double applications can occur on the ends of the row during turning - turn off sprayer to avoid multiple applications. Equipment must be capable of giving thorough coverage for maximum insecticidal effectiveness. If San Jose Scale is a moderate to severe problem, use dilute application. Concentrate applications may delay bud development. The following conditions may cause oil injury; cool, damp, or extremely dry weather; broken emulsions and/or faulty application. Follow state recommendations and cautions.

## FOLIAR APPLICATIONS - DILUTE SPRAYS

CROP	PESTS	VOLCK PER 100 GALS. WATER	FURTHER USE INSTRUCTIONS
ALMONDS APRICOTS CHERRIES NECTARINES PEACHES PISTACHIO PLUMS PRUNES	Brown Apricot Scale San Jose Scale	1 gal.	For summer stages of Brown Apricot and San Jose Scale.
	Pacific Spider Mites Red Spider Mites	3 to 4 qts.	For summer use on Red Spider Mites.
APPLES	Rust Mites	1 to 1-1/2 gals.	For summer use.
APPLES PEARS	Red Spider Mites	3 to 4 qts.	For summer use.
	Italian Pear Scale San Jose Scale	1 to 1-1/2 gals.	Apply VOLCK Supreme Spray to summer forms of San Jose and Italian Pear Scale.
GRAPES	Mealybug	See NOTE	For (Post Harvest), fall spray use only. <b>NOTE:</b> Use 4 to 6 gals. in 200 to 300 gals. of water per acre.
GRAPEFRUIT LEMONS	Black Scale Purple Scale Red Scale Red Spider Mites Yellow Scale	1 to 1-1/4 gals.	For best results, apply VOLCK Supreme Spray during winter and spring months when Red Scale are more easily controlled and trees generally are less reactive to oil sprays. Do not use within 8 weeks of harvest on lemons.
NAVEL ORANGES	Black Scale Purple Scale Red Scale Red Spider Mites Yellow Scale	3 qts.	Do not use on Navel oranges after September 1.
OLIVES	Black Scale Oleander Scale Olive Scale (Parlatoria Scale) Spider Mites	1-1/2 gals.	Apply VOLCK Supreme Spray in the prebloom or in postbloom up to buckshot growth stage.
OLIVES (CALIFORNIA ONLY)	Black Scale	1 to 1-1/2 gals.	Apply 400 to 800 gals. dilute spray per acre. Make applications between July 1 and August 31. Higher concentrations of VOLCK Supreme Spray than noted above may cause phytotoxicity.

### FOLIAR APPLICATIONS - DILUTE SPRAYS (Continued)

CROP	PESTS	VOLCK PER 100 GALS. WATER	FURTHER USE INSTRUCTIONS
PEARS	Pear Psylla	1 to 1-1/2 gals.	For summer use.
	Blister Mite	1 to 1-1/2 gals.	For fall spray use only.
VALENCIA ORANGES	Black Scale Purple Scale Red Scale Red Spider Mites Yellow Scale	1 gal.	Do not apply to Valencia oranges after September 1.
WALNUTS	European Fruit Scale Frosted Scale (summer stages) Red Spider Mites San Jose Scale Soft Shelled Scales	2 to 4 qts.	Apply VOLCK Supreme Spray during the late spring to mid-summer only. Do not apply after husk split.
ORNAMENTALS and SHADE TREES  APPLE BIRCH CONIFERS (SEE NOTE) DOGWOOD FLOWERING PEACH FLOWERING CHERRY HAWTHORNE HOLLY MAGNOLIA MAPLE OAK PRIVET PYRACANTHA SYCAMORES	Black Scale Brown Apricot Scale Oyster Shell Scale Red Spider Mites and Eggs San Jose Scale Soft Brown Scale	1 gal.	<b>NOTE:</b> Conifer applications to blue spruce may cause discoloration. Do not use on conifers or ferns not tolerant to oil sprays.

### FOLIAR APPLICATIONS - CONCENTRATE SPRAYS

CROP	PESTS	VOLCK PER ACRE	FURTHER USE INSTRUCTIONS
ALMONDS PISTACHIO	Brown Mite European Red Mite Pacific Spider Mite Two-Spotted Spider Mite	4 to 6 gals.	For summer use with concentrate sprayers. Apply VOLCK Supreme Spray in 60 to 150 gals. water per acre. <b>Do not apply to trees lacking adequate moisture.</b>
GRAPEFRUIT LEMONS VALENCIA ORANGES	Citrus Red Mites	5 to 15 gals.	Apply VOLCK Supreme Spray as concentrate spray application (mist sprayer) in 50 to 100 gals. water per acre. Apply to Valencia oranges only during the period from mid-July through August. Do not apply to lemons within 60 days of harvest. Concentrate spray applications require that the spray droplets be discharged into an air stream pattern of high velocity (above 100 mph) and with sufficient volume to carry the spray through the tree. Ground speed should not exceed 1-1/2 mph. Observe all label notes, relative to the use of spray oils on citrus. Use only equipment capable of applying concentrate sprays.
PEARS (CALIFORNIA ONLY)	Red Spider Mites	4 to 6 gals.	For summer use with concentrate sprayers. Apply VOLCK Supreme Spray in 90 to 120 gals. water per acre.

## DORMANT OR DELAYED DORMANT - DILUTE SPRAYS

CROP	PESTS	VOLCK PER 100 GALS. WATER	FURTHER USE INSTRUCTIONS
ALMONDS APRICOTS CHERRIES NECTARINES PEACHES PISTACHIO PLUMS PRUNES (SEE NOTE)	Aphids (Eggs of) Black Scale Brown Apricot Scale European Fruit Lecanium Frosted Scale Italian Pear Scale Oleander Scale Olive Scale (Parlatoria Scale) Parthenolecanium Soft Scale Putnam Scale Red Spider Mites San Jose Scale Scale Insects (Certain other) Soft Brown Scale	1-1/2 to 2 gals.	For dormant or delayed dormant use only.  <b>NOTE:</b> For plums and prunes, spray only during the delayed dormant period. Oil sensitive varieties (such as, but not limited to Moyer or Queen Ann) may develop dead limbs or scaffolds, which will reduce yield.
APPLES	Rust Mites	1-1/2 to 2 gals.	For delayed dormant use only.
APPLES PEARS	Aphids (Eggs of) Italian Pear Scale Red Spider Mites San Jose Scale	1-1/2 to 2 gals.	For dormant or delayed dormant use only.
FIGS	Fig Scale	3 gals.	For dormant or delayed dormant use only.
GRAPES	Mealybug	See <b>NOTE</b>	For dormant use only.  <b>NOTE:</b> Use 4 to 6 gals. in 200 to 300 gals. of water per acre.
PEARS	Pear Psylla	1 to 1-1/2 gals.	For delayed dormant use only.
	Blister Mite	1 to 1-1/2 gals.	For delayed dormant use only.



**DORMANT OR DELAYED DORMANT - CONCENTRATE SPRAYS**

<b>CROP</b>	<b>PESTS</b>	<b>VOLCK PER ACRE</b>	<b>FURTHER USE INSTRUCTIONS</b>
ALMONDS APRICOTS CHERRIES NECTARINES PEACHES (SEE NOTE) PISTACHIO	Brown Apricot Scale Mite Eggs Olive Scale (Parlatoria Scale) Parthenolecanium Soft Scale Peach Twig Borer San Jose Scale Walnut Scale	4 to 6 gals.	For dormant or delayed dormant use only.  Apply VOLCK Supreme Spray in 40 to 125 gals. of water per acre. <b>NOTE:</b> Do not apply to oil sensitive varieties as phytotoxicity to buds and new wood may result.
APPLES PEARS (EXCEPT CALIFORNIA)	Aphids (Eggs of) European Red Mites (Eggs of) Italian Pear Scale San Jose Scale	3 gals.	For dormant or delayed dormant use only.  For VOLCK Supreme applications in 25 to 50 gals. of water per acre.
		4 gals.	For dormant or delayed dormant use only.  For VOLCK Supreme applications in 50 to 100 gals. of water per acre.
		5 gals.	For dormant or delayed dormant use only.  For VOLCK Supreme applications in 100 or more gals. of water per acre.
APPLES PEARS (SEE NOTE)	European Red Mites (Eggs of) Pear Psylla San Jose Scale	4 to 6 gals.	For dormant or delayed dormant use only.  Apply VOLCK Supreme Spray in 40 to 125 gals. of water per acre. <b>NOTE:</b> Do not apply to oil sensitive varieties as phytotoxicity to buds and new wood may result.
PEARS (WASHINGTON ONLY)	Pear Psylla	3 to 4 gals. By Air	For dormant use only.  Apply <u>by air</u> in sufficient water to make a minimum of 10 gals. of dilute spray per acre.
PLUMS PRUNES (SEE NOTE)	Black Scale Brown Apricot Scale Brown Mite Eggs European Red Mites (Eggs of) Mealy Plum Aphid Eggs Olive Scale (Parlatoria Scale) Plum Aphid Eggs San Jose Scale	3 to 5 gals.	Apply VOLCK Supreme Spray in 40 to 125 gals. of water per acre. <b>NOTE:</b> For plums and prunes, spray only during the delayed dormant period. Oil sensitive varieties (such as, but not limited to Moyer or Queen Ann) may develop dead limbs or scaffolds, which will reduce yield.

**DORMANT - DILUTE SPRAYS**

<b>CROP</b>	<b>PESTS</b>	<b>VOLCK PER 100 GALS. WATER</b>	<b>FURTHER USE INSTRUCTIONS</b>
ORNAMENTALS and SHADE TREES  APPLE BIRCH CONIFERS (SEE NOTE) DOGWOOD FLOWERING CHERRY FLOWERING PEACH HAWTHORNE HOLLY MAGNOLIA MAPLE OAK PRIVET PYRACANTHA SYCAMORES	Black Scale Brown Apricot Scale Oyster Shell Scale Red Spider Mites and Eggs San Jose Scale Soft Brown Scale	2 gals.	For dormant sprays on deciduous varieties.
		1 gal.	For dormant sprays on other varieties.  <b>NOTE:</b> Conifer application to blue spruce may cause discoloration. Do not use on conifers or ferns not tolerant to oil sprays.

**SEED CROP USES**

<b>CROP</b>	<b>PESTS</b>	<b>VOLCK PER ACRE</b>	<b>FURTHER USE INSTRUCTIONS</b>
ALFALFA (SEED ALFALFA ONLY)	Spider Mites	1 qt.	For use on seed alfalfa only.  Apply in 20 to 30 gals. of water by ground application or 10 to 15 gals. of water by air with recommended rates of KELTHANE® EC.

## STORAGE AND DISPOSAL

### PROHIBITIONS

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.  
Open dumping is prohibited.

### STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Protect from water contamination during storage and transfer. Contamination with water may make this product unfit for its intended use. Always check emulsification (see MIXING DIRECTIONS) before use. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

### 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

Triple rinse (or equivalent). Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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KELTHANE® - Reg. TM of Rohm & Haas Company

Manufactured for:  
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Made in U.S.A.

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EPA Est. #

