

Code 3140

Net Contents  
Gallons

# 415 Spray Oil

## Insecticide-Miticide

EPA Reg. No. 279-2900 ZB EPA Est., 279-

Active Ingredient:	By Wt.
Petroleum Oil .....	98.00%
Inert Ingredients: .....	2.00%
	100.00%

Unsulphonated Residue—93%  
Classification—Unclassified

**KEEP OUT OF REACH OF CHILDREN**

### CAUTION

**First Aid**  
If swallowed, do not induce vomiting. Call a physician immediately.

For Emergency Assistance Call 716—735-3765.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans (& Domestic Animals)

**Caution**  
Avoid inhalation of spray mist. Harmful if swallowed. Do not induce vomiting. Call a Physician immediately.

See Other Panels for Additional Precautionary Information.

### Environmental Hazards

Fish and other aquatic life may be killed by this product. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply when weather conditions favor drift from the areas treated. Do not apply where runoff 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.

### DIRECTIONS FOR USE

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

**Storage and Disposal**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide, spray mixture or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. To dispose of container, triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill, or bury in a safe place. Do not cut or weld this container. Do not reuse 28 gallon drum. Return to drum reconditioner. Consult Federal, State, or local disposal authorities for approved alternative procedures.

**ACCEPTED**

MAR 23 1981

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



FMC Corporation  
Agricultural Chemical Group  
2000 Market Street  
Philadelphia Pennsylvania 19103

**Caution**

Use efficient equipment of the proper type. Avoid spraying during or immediately prior to hot or freezing weather (over 90° F or under 32° F), hot dry winds, rain or other unsuitable conditions; avoid over-spraying or double spraying. Plants should be sprayed only when in vigorous condition and when their moisture condition is suitable.

On deciduous trees do not mix with captan, phaltan, or sulfur or apply 30 days prior to or after a sulfur treatment.

**Mixing Directions**

Use only in equipment with sufficient agitation to keep spray thoroughly mixed. Be sure spray tank is clean. With agitator running; start filling tank with water; add oil when tank is about 1/2 full. Pump this mixture through the overflow and back into tank for about two minutes. If this mixture turns white, it indicates good emulsification. Fill the tank with water, adding other desired materials as tank is filling. If wettable powders are used, add and thoroughly mix before adding oil. Observe all cautions and limitations on labeling of all products used in mixtures. Keep agitator running at all times. If an injector is used, first add 25 to 50 gallons of water to tank with engine running to provide good pressure. Put injector suction tube into the measured amount of spray oil, opening injector valve to allow the oil to be sucked into the tank, then fill the tank with water.

Do not use this material if it does not emulsify.

**Directions for Use**

Apply when pests are present and as recommended below. Do not use in undiluted form. Sensitive foliage may be injured.

**Almonds, Apricots, Cherries, Nectarines, Peaches:** Dormant or Delayed Dormant: Black Scale, European Fruit Lecanium, San Jose Scale, Olive Scale, Frosted Scale, Aphid Eggs, European Red Mite Eggs, Brown Mite Eggs and Fruittree Leafroller Eggs—Use 1 1/2 to 2 gallons per 100 gallons water at 300 to 600 gallons per acre. (Concentrate Spray: Use 6 to 8 gallons per acre in minimum of 20 gallons water per acre.) Foliar Spray: Twospotted Spider Mite, Pacific, European Red and Brown Mites—Use 1 to 1 1/2 gallons per 100 gallons water at 300 to 600 gallons per acre. (Concentrate Spray: Use 4 to 6 gallons per acre in minimum of 20 gallons water per acre.)

**Apples, Pears:** Dormant or Delayed Dormant: European Fruit Lecanium, Olive Scale, San Jose Scale, European Red Mite Eggs, and on Apples only, Rosy Apple Aphid Eggs and Apple Aphid Eggs—Use 1 1/2 to 2 gallons per 100 gallons water at 400 to 800 gallons per acre. (Concentrate Spray: Use 6 to 8 gallons per acre in minimum of 20 gallons water per acre.) Foliar Spray: Twospotted Spider, Pacific and European Red Mites—Use 1 gallon per 100 gallons water at 400 to 800 gallons per acre. (Concentrate Spray: Do not use more than 4 gallons per acre in minimum of 20 gallons water per acre.)

**Grapes:** Dormant: Mealybug—Use 2 to 3 gallons plus 2 1/2 quarts Parathion 4.0 EC per acre in 200 to 300 gallons water per acre.

**Lemons:** Red Scales, Black Scales, Red Spider Mites—Use 5 to 5 1/2 quarts per 100 gallons of water. Apply in the late spring and late summer through December.

**Naval and Valencia Oranges:** Scales (Red, Yellow, Citricola, Purple, Black), Red Spider Mites—Use 5 to 5 1/2 quarts per 100 gallons of water. Apply in late summer through October.

**Plums, Prunes:** In Sacramento and Suisun Valley areas of California, apply from the period fruit buds show green tip up to bloom, and in Other Areas apply in the delayed dormant or pre-bloom periods. Black Scale, European Fruit Lecanium Scale, San Jose Scale, Olive Scale, Frosted Scale, Mealy Plum Aphid Eggs, Leaf Curl Plum Aphid Eggs, Brown Mite Eggs, European Red Mite Eggs—Use 1 1/2 to 2 gallons per 100 gallons water at 300 to 600 gallons per acre. (Concentrate Spray: Use 6 to 8 gallons per acre in a minimum of 20 gallons water per acre.) Foliar Spray: Twospotted Spider, Pacific, European Red and Brown Mites—Use 1 to 1 1/2 gallons per 100 gallons water at 300 to 600 gallons per acre. (Concentrate Spray: Use 4 to 6 gallons per acre in a minimum of 20 gallons water per acre.)

**Walnuts:** Delayed Dormant: Black Scale, European Fruit Lecanium Scale, San Jose Scale, Olive Scale, Frosted Scale, Calico Scale, European Red Mite Eggs and Walnut Aphid Eggs—Use 4 to 6 gallons per acre in 200 to 500 gallons water per acre. Use only on trees that have not suffered from lack of moisture at any time during the growing season. Do not apply to orchard where soil moisture is low. Trees must be fully dormant. Foliar Spray (When leaves fully expanded): Spider Mites—Use 4 to 6 gallons per acre in 200 gallons water per acre.

**Olives:** Postbloom through August and Postharvest: Olive Scale, Black Scale, Oleander Scale—Use 1 1/2 gallons per 100 gallons water at 400 to 800 gallons per acre.

**Ornamentals, Shade Trees:** [Conifers (see Note), Holly, Pyracantha, Sycamore, Hawthorne, Flowering Peach, Flowering Cherry, Apple, Magnolia, Maple, Dogwood, Oak, Privet, Birch], Scales (Brown Soft, Oyster Shell, Brown Apricot, Black, San Jose), Red Spider Mites and Red Spider Mite Eggs—Use 1 gallon to 100 gallons of water. Dormant Spray on Deciduous Varieties—Use 2 gallons per 100 gallons of water. Dormant Spray on Other Varieties—Use 1 gallon per 100 gallons of water. NOTE: May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.

**Dealers Should Sell in Original Packages Only.**

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

**Use of Product:** FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

(Code 1340-PA-5/80)