



SPRAY OIL 415

ACTIVE INGREDIENT:	BY WEIGHT
Petroleum Oil	98.00%
INERT INGREDIENTS:	2.00%
	TOTAL 100.00%
Unsulphonated Residue	92.00%
	(minimum)
Classification	Unclassified

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements.

Caution: Use efficient equipment of the proper type. Avoid spraying during or immediately prior to hot or freezing weather (over 95°F. or under 32°F.), hot dry winds, rain or other unsuitable conditions; avoid overspraying 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.

EPA REG. NO. 34704-727

EPA EST. NO. _____

NET CONTENTS _____ GAL. (_____ L)
IHT 060903 V4 02Y07

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:

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.

FIRST AID

If swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person.. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> 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 eye. Call a poison control center or doctor for treatment advice.
If inhaled:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
1-800-301-7976.**

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

Note to Physician: Contains petroleum distillates, vomiting may cause aspiration pneumonia.

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 wash waters. Apply this product only as specified on the label.

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 through any type of irrigation system.

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

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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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and 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. Call collect: CHEMTREC (800) 424-9300.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. 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: 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. Do not cut or weld metal containers. **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.

MIXING DIRECTIONS

Use only in equipment with sufficient agitation to keep spray thoroughly mixed. Be sure 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 gals. 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.

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 gals. per 100 gals. of water at 300 to 600 gals. per acre. (Concentrate Spray: Use 6 to 8 gals. per acre in minimum of 20 gals. water per acre.) White Peach Scale (PEACHES—Georgia, Florida, South Carolina, North Carolina and Alabama only). Use 1 1/2 to 2 gals. per 100 gals. of water at 300 to 600 gals. per acre before buds begin to swell in the spring. Make 2 applications 7 to 14 days apart, according to local recommendations during the dormant period. (Concentrate Spray: Use 6 to 8 gals. per acre in a minimum of 20 gals. water per acre.)

Foliar Spray: Two-spotted Spider Mite, Pacific, European Red and Brown Mites—Use 1 to 1 1/2 gals. per 100 gals. water at 300 to 600 gals. per acre. (Concentrate Spray: Use 4 to 6 gals. per acre in minimum of 20 gals. 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 gals. per 100 gals. water at 400 to 800 gals. per acre. (Concentrate Spray: Use 6 to 8 gals. per acre in minimum of 20 gals. water per acre.) **Foliar Spray:** Two-spotted Spider, Pacific and European Red Mites—Use 1 gal. per 100 gals. water at 400 to 800 gals. per acre. (Concentrate Spray: Do not use more than 4 gals. per acre in minimum of 20 gals. water per acre.)

GRAPES: Dormant: Mealybug—Use 2 to 3 gals. plus the appropriate label rate of insecticide registered for use on grapes in 200 to 300 gals. water per acre.

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

NAVEL AND VALENCIA ORANGES: Scales (Red, Yellow, Citricola, Purple, Black), Red Spider Mites—Use 5 to 5 1/2 quarts per 100 gals. of water. Apply in later summer through October.

PLUMS, PRUNES: Apply in the dormant or delayed dormant period. (Sacramento and Suisun Valley area; application preferred in pre-bloom when fruit buds show green tips.) 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 gals. per 100 gals. water at 300 to 600 gals. per acre. (Concentrate Spray: Use 6 to 8 gals. per acre in a minimum of 20 gals. water per acre.) **Foliar Spray:** Two-spotted Spider, Pacific, European Red and Brown Mites—Use 1 to 1 1/2 gals. per 100 gals. water at 300 to 600 gals. per acre. (Concentrate Spray: Use 4 to 6 gals. per acre in a minimum of 20 gals. 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 gals. per acre in 200 to 500 gals. 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 gals. per acre in 200 gals. water per acre.

OLIVES: Postbloom through August and Postharvest: Olive Scale, Black Scale, Oleander Scale—Use 1 1/2 gals. per 100 gals. water at 400 to 800 gals. 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 gal. to 100 gals. of water. **Dormant Spray on Deciduous Varieties**—Use 2 gals. per 100 gals. of water. **Dormant Spray on Other Varieties**—Use 1 gal. per 100 gals. of water. NOTE: May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.

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, THIS PRODUCT IS SOLD AS IS TO THE EXTENT ALLOWED BY APPLICABLE LAW. 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.

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