DORMANT FLOWABLE EMULSION INSECTICIDE

ACTIVE INGREDIENT:	
Mineral Oil*	**80%**
OTHER INGREDIENTS:	**20%**
TOTAL	**100%**

***Contains petroleum distillates**

Classification: Dormant Heavy
Unsulphonated Residue-70% Minimum

KEEP OUT OF REACH OF CHILDREN

CAUTION

See below for additional precautionary statements.

SPECIMEN

FIRST AID	
If swallowed:	• Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to a 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:	• Hold eye open and rinse slowly and gently with water for 15 to 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:	• 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:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard. **FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

EPA REG. NO. 34704-1069

EPA EST. NO. 51896-CA-030

NET CONTENTS 5.0 GAL (18.92 L)

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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.

Mixers, loaders, applicators, flaggers and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks, and
- Chemical resistant gloves made of barrier laminate, nitrile rubber, neoprene or viton.

See Engineering Control Statements for additional requirements.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Pilots must use an enclosed cockpit that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

ENVIRONMENTAL HAZARDS

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 by cleaning of equipment or disposal of equipment washwater or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.
Do not apply when weather conditions favor drift from the treated areas. Do not apply where runoff is likely to occur.

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 directly or through drift. Only protected handlers may be in the area during application.
For requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.
Do not apply this product through any type of irrigation system.

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,
- Shoes plus socks, and
- Chemical-resistant gloves made of any waterproof material.

DIRECTIONS FOR MIXING

Be sure spray tank is clean. With enough water in tank to cover agitator shaft, add desired amount of this material to the tank with agitator in motion. Pump this mixture through the overflow and back into the tank for about 2 minutes. If this material turns white, it indicates good emulsion. Fill the tank with water, adding other desired materials as tank is filling. Keep agitator running at all times.

Do not use if material does not emulsify.

Do not use in undiluted form.

If other products are tank-mixed with this product, follow the most restrictive of the precautions and restrictions on the labels for all products used.

APPLICATION RESTRICTIONS

Do not apply just prior to or during hot weather, rainy weather or drying winds. Do not apply when temperature is higher than 65 °F or lower than 40 °F. Because applications to trees with inadequate moisture may cause injury, do not apply when soil moisture levels are low. Do not overspray or double-spray with this product.

Spray Drift Management
A variety of factors including weather condition (e.g., wind direction, wind speed, temperature inversions, relative humidity) and method of application (e.g., ground, aerial, airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.
Temperature Inversions: If applying at wind speeds less than 3 mph, the applicator must determine if a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.
Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

Ground Applications
Release Height: Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.
Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.
Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

Airblast Applications
For airblast applications, turn off outward-pointing nozzles at row ends and when spraying outer row. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

Aerial Applications
Release Height: For aerial applications of agricultural products, do not release spray at a height greater than 10 feet above the ground, top of crops, or above the orchard canopy.
Boom Length: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
Swath Adjustment: When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one swath unsprayed at the downwind edge of the treated field.
Wind Speed: Do not apply at wind speeds greater than 15 mph at the application site.
Droplet Size: Apply as a medium or coarser spray (ASABE standard 572), and the minimum volume diameter (VMD) for spinning atomizer nozzles.

USE PRECAUTIONS

Use only when trees are in healthy condition and when moisture conditions are sufficient. Trees weakened by disease, drought or high nitrogen applications may be injured by oil.

Apply the following rates in sufficient water to thoroughly cover one acre.
- With ground equipment on apples and pears, use a minimum of 300 gallons of spray mix per acre.
- On stone fruits and nuts use a minimum of 200 gallons of spray mix per acre.
- On grapes for cane-pruned vines, use a minimum of 200 gallons of spray mix per acre. For cordon pruned or arbor trained vines use a minimum of 300 gallons of spray mix per acre.

When using concentrate spray equipment, use a minimum of 60.0 to 90.0 gallons of spray mix per acre.

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APPLES AND PEARS
Controls San Jose scale, Oyster shell scale, Brown apricot scale, Black scale and aids in control of European red mite

Apply **only** in the dormant period.

Use 12.0 to 15.0 gallons of this product in a minimum of 300 gallons of water per acre.
(As a concentrate spray, use 6.0 to 8.0 gallons of this product in 60.0 to 90.0 gallons of water per acre.)
OR
Use 3.0 to 4.0 gallons of this product in combination with 5.0 to 6.0 gallons of lime sulfur solution in 100 gallons of water per acre.
(As a concentrate spray, use 6.0 to 8.0 gallons of this product, plus 6.0 gallons of lime sulfur solution, in 60.0 to 90.0 gallons of water per acre.)

APRICOTS, CHERRIES, NECTARINES, PEACHES AND ALMONDS
Controls San Jose scale, Oyster shell scale, Brown apricot scale, Black scale and aids in control of European red mite

Apply **only** in fall, dormant or delayed dormant periods. Use 6.0 gallons of this product in a minimum of 200 gallons of water per acre. (As a concentrate spray, use 6.0 gallons of this product in 60.0 to 90.0 gallons of water per acre.)

Application as an adhesive for sticking copper on almonds, apricots, cherries, nectarines, peaches and prunes : Apply in fall, dormant or delayed dormant periods.
Use 3.0 to 4.0 gallons of this product per acre in a minimum of 200 gallons of water per acre.

PLUMS AND PRUNES
Precautions: Certain varieties of plums and prunes may be injured by oil sprays; check tolerance to oil prior to treatment.

Controls San Jose scale, Oyster shell scale, Brown apricot scale and European red mite eggs

Apply **only** in dormant or delayed dormant periods. Use 6.0 to 7.0 gallons of this product in combination with 10.0 to 12.0 gallons of lime sulfur solution in a minimum of 200 gallons of water per acre. (As a concentrate spray, use 6.0 gallons of this product plus 6.0 gallons of lime sulfur solution in 60.0 to 90.0 gallons of water per acre.)

Sacramento and Suisun Valley Areas:
Apply in pre-bloom period when fruit buds show green tips.

GRAPES
Controls Grape mealybug

Apply **only** in the dormant period. Use 4.0 gallons of this product per acre in 200 to 400 gallons of water. This product may be combined with an insecticide approved for use with a spray oil on grapes. Observe the warning directions on the insecticide label approved for use on grapes.

FIGS
Controls Fig scale

Apply **only** in the dormant period. Use 4.0 to 5.0 gallons in 100 gallons of water per acre.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store only in original container in locked storage areas. If a spill occurs, visible puddles or drops should be covered with a dry absorbent such as clay, sawdust, lime or soda ash. Sweep up and dispose of spilled pesticide and absorbent in a permitted disposal facility. Avoid cross-contamination with other pesticides and fertilizers during handling and storage. Do not store near heat or open flame. Protect from temperatures below 0 °F. Do not use or store this product in or around the home.

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: Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecycle. org. If not recycled, then puncture and dispose of container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

For packages up to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 56 gallons: To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For refillable containers: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container.

Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling or reconditioning, if available, or puncture and dispose of container in a sanitary landfill, or by other procedures approved by state and local authorities.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

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 AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND 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.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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LOVELAND PRODUCTS, INC.
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