

Sol-Oil 97

A SOLUBLE OIL FOR USE IN WATER ON CITRUS

ACTIVE INGREDIENTS:

Mineral Oil* 97.2%

INERT INGREDIENTS: 2.8%

TOTAL 100.0%

*Unsulfonated Residue - 96-98%

*Contains petroleum distillates.

NOTE: Do not use this product in greenhouses.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

FIRST AID

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give **any** liquid to a person.
- Do not give anything to an unconscious or convulsing person.

IF INHALED

- Move victim to fresh air.
- If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

IF IN EYES

- Hold eyelid 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.
- Call a poison control center or doctor immediately for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

NOTE TO PHYSICIAN: This product contains petroleum distillates and may pose an aspiration pneumonia hazard. Do not induce vomiting.

EPA REG. NO. 5905-294
EPA EST. NO. 5905-FL-001

AD 111214HAE
NET CONTENTS: _____

MANUFACTURED FOR:
HELENA AGRI-ENTERPRISES, LLC
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017

Disclaimer: Always refer to the label on the product before using Helena or any other product.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of barrier laminate, nitrile rubber, neoprene rubber or viton. If you want more options, follow the instructions for category E or an 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

See **ENGINEERING CONTROLS** for additional requirements.

Follow manufacturer's instructions for cleaning/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 material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

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.

ENGINEERING CONTROLS

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

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 or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

CHEMIGATION PROHIBITION

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

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.

STORAGE AND DISPOSAL

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

STORAGE: Keep container well sealed. Protect from excessive heat.

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 (EQUAL TO OR LESS THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10

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seconds after the flow begins to drip. Fill the container ¼ 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. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or, by other procedures approved by state and local authorities.

NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or, by other procedures approved by state and local authorities.

REFILLABLE CONTAINER: 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. If the container is not being refilled, return it to the point of purchase or designated location.

Batch (lot) Code: _____

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
- Chemical-resistant gloves made of any waterproof material

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of Worker Protection Standard for agricultural pesticides (40 CFR Part 10). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Do not enter or allow others to enter until sprays have dried.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application (ground, aerial, or airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product. The restrictions pertaining to wind speed, temperature inversions and droplet size apply to all of the methods of application permitted for 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 mean diameter (VMD) for spinning atomizer nozzles.

Ground Spray Applications: Apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

Airblast Equipment Application: Turn off outward pointing nozzles at row ends when spraying outer row. To minimize spray loss over the top spray must be directed into canopy.

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Aerial Applications: Do not release spray at a height greater than 10 feet above the ground, top of crop, or above the canopy.

Boom Length: The boom length must not exceed 75% of the wingspan or 90% of the rotor blade's diameter.

Swath Adjustment: When applications are made crosswind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downward 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.

USE RESTRICTIONS AND PRECAUTIONS

Do not apply this product in undiluted form. Do not use this material if it does not mix with water.

Do not apply oil sprays when trees are wilting or near wilting.

Allow a period of 3 weeks or more between application of sulfur or lime and application of an oil spray.

Do not apply oil sprays during periods of excessively high temperature (over 90°F). Do not apply this product when weather reports indicate or predict freezing temperatures.

Oil sprays applied after October 1 increase the susceptibility of trees to cold-related injury and may reduce the crop in the following year.

Oil sprays applied to fruit-bearing trees during August and September may seriously reduce the solids content of the juice and retard coloring. Oil sprays applied when fruit is between $\frac{3}{4}$ inch and 1- $\frac{1}{2}$ in diameter may cause oil blotch.

MIXING INSTRUCTIONS

1. Add enough water to the mixing tank for proper agitation.
2. Add micronutrients and other desired pesticides. If dry pesticide products are used, mix the materials with water thoroughly so that they are completely dispersed in the mixing tank. DO NOT add **SOL-OIL 97** before a uniform mixture of pesticide and water is obtained.
3. Maintain agitation of the mix until the spray is applied. Flush any spray mix remaining in hoses back into the tank if the solution stands for more than 20 minutes.
4. Ensure that spray equipment is thoroughly clean so that residues from other applications do not remain.

For scallicides to be effective, complete coverage is essential, necessitating a thorough inside and outside tree application.

ASPARAGUS, BEANS, BEETS, SQUASH, TOMATOES, CUCURBITS & PEPPERS: To control aphids, mites, beetle larvae, leaf miners, and caterpillars, use 1 to 2 gallons of **SOL-OIL 97** in 100 gallons of water.

CORN: To control aphids, mites, beetle larvae, leaf miners, and caterpillars, use 0.5 to 2 gallons of **SOL-OIL 97** in 100 gallons of water per acre.

On Corn, this product may also be used in combination with atrazine by ground at the rate of 1 gallon of **SOL-OIL 97** in 20 to 40 gallons of water per acre or by air at the rate of 0.5 gallon of product in a minimum of 5 gallons of water per acre. Follow the use precautions, limitations and directions for use on the atrazine product label.

Corn Use Restrictions:

- Application by ground equipment, do not apply more than 1 gallon of this product per 100 gallons of water per acre.
- Application by air, do not apply more than 0.5 gallon of product per acre per application on Corn.
- On Field Corn, do not apply more than 2 gallons of this product per 100 gallons of water per acre pre application by ground.

CITRUS: To control spider mites, whiteflies, and loosening sooty mold, use 5 gallons of product per acre. To control scale insects, greasy spot, and citrus rust mites, use 10 gallons of product per acre. Mix product in sufficient water to ensure thorough coverage of leaves, twigs & fruit. For controlling scale insects, complete coverage is essential. A thorough inside- and outside-tree application is needed.

Do not exceed a maximum of 159 pounds of active ingredient (in a maximum volume of 1500 gallons of spray mix) per acre when treating citrus in Florida and Texas. Do not exceed a maximum of 212 pounds of active ingredient (in a maximum volume of 2000 gallons of spray mix) per acre when treating citrus in California.

ALMONDS, APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: Dormant or Delayed Dormant – Dilute Spray: Brown Apricot Scale, Black Scale, San Jose Scale, Olive Scale (Parlatoria Scale), Oleander Scale, Frosted Scale, Italian Pear Scale, European Fruit Lecanium, Putnam Scale, Soft Brown Scale, other Scale Insects, Eggs of Aphids, Red Spider Mites, Brown Mites – Use 1.5 to 2 gallons in 300 to 600 gallons of water per acre. Concentrate Spray: Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray. Almonds and Apricots: European Red Mite, Brown Mite, San Jose Scale – Use 4 to 8 gallons per acre in a minimum of 20 gallons of spray. Spring or Summer Dilute Spray: Two-spotted Mites,

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Pacific Mites, European Red Mites, and Brown Mites – Use 1 to 2 gallons in 300 to 600 gallons of water per acre. Spring or Summer Concentrate: Use 4 to 6 gallons per acre in a minimum of 20 gallons of spray. Aerial Application: Use at least 4 and no more than 6 gallons of product in a minimum of 20 gallons of spray. Plums and Prunes – Dilute Spray: Peach Twig Borer – Apply 50-200 gallons of spray solution per acre using 1.5 to 2 gallons per 100 gallons of water. Concentrate Spray: Use 6 to 8 gallons per acre in a minimum of 20 gallons of water. Aerial Application: Use 6 to 8 gallons per acre in a minimum of 20 gallons of spray.

Restrictions for applications on CHERRIES ONLY: Do not exceed a maximum application rate of 2.0 gallons per 100 gallons of spray mixture or 2.0% by volume. Do not apply this product to cherries in conjunction with azinphos-methyl based insecticides.

APPLES: Rust Mite: Delayed Dormant – Use 1.5 to 2 gallons of product in 50 to 200 gallons of water per acre. Summer Use – Use 1 to 1.5 gallons per acre in a minimum of 20 gallons of spray.

APPLES, PEARS: Dormant or Delayed Dormant – Dilute Spray - San Jose Scale, Pear Scale, Eggs of Aphids, Red Spider Mites, Rust Mites (Apples only – delayed dormant) – Use 1 to 2 gallons in 50 to 200 gallons of water per acre. Pears only: Delayed Dormant: Pear Psylla – Use 2 gallons in 50 to 200 gallons of water per acre. Concentrate Spray: Use 4 to 6 gallons in a minimum of 20 gallons of spray per acre. Summer Dilute Spray: Two-Spotted Spider Mites, Pacific Mites, and European Red Mites – Use 1 to 1.5 gallons per acre diluted in 400 to 800 gallons of water. Concentrate Spray: Use no more than 4 gallons per acre in a minimum of 20 gallons of spray. Aerial Application: Use no more than 4-6 gallons of product in a minimum of 20 gallons of spray per acre.

Dormant (Washington, Oregon, and Idaho only): Apples – Dilute spray for mites and San Jose scale, use 1 to 1.5 gallons of oil plus sulfur or lime sulfur at the specified label rate in sufficient water to total 20 to 100 gallons of spray per acre. Concentrate spray: Use 4 to 6 gallons of oil per acre plus the specified label rate of sulfur or lime sulfur in sufficient water to total 20 to 100 gallons of spray per acre. Pears – Dilute Spray – Pear Psylla, use 1 to 1.5 gallons of oil plus sulfur or lime sulfur at the specified label rate. Concentrate spray: Use no more than five gallons of oil plus the specified label rate of sulfur or lime sulfur in sufficient water to total 20 to 100 gallons of spray per acre.

NOTE: Oil plus sulfur or lime sulfur can cause severe foliage and fruit bud injury if applied after the dormant period.

CONDITIONS OF SALE–LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale–Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Agri-Enterprises, LLC (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. To the extent permitted by applicable laws, the Company makes no other warranties of any kind, expressed or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose.

To the extent permitted by applicable laws, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Agri-Enterprises, LLC's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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