

SIM-CHEM SUPERIOR SPRAY (INSECTICIDE-FUNGICIDE)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

Harmful if swallowed. Do not induce vomiting. Call a physician immediately. Avoid inhalation of vapors or spray mist.

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 run-off 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.

PHYSICAL OR CHEMICAL HAZARDS

For foliage applications, the spray tank must be free of any sulfur residue before using Superior Spray Oil. Do not combine sulfur sprays with Superior Spray Oil on foliage and do not follow a previous application of sulfur or apply sulfur following Superior Spray Oil 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 quart to 25 gallons water. If sufficient time has not elapsed, burn will show in several days. Do not use Superior Spray Oil when temperatures are above 90° Fahrenheit. When temperature drop below 32°F. (usually night-time lows), do not spray tree and vine crops until daytime temperatures have warmed to a point above 40°F. 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 Phaltan products. Do not combine with Captan, Phaltan, Sevin, Dichloro, or Karathane as foliage or fruit injury may occur.

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

DO NOT USE IF EMULSION BREAKS IN SPRAY TANK. If emulsion breaks, free oil will float to surface, leaving excessive oil accumulation in the tank. Severe injury to trees or vines may occur if used under these conditions.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray, mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide or buried in a safe place away from water supplies.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling, reconditioning or disposal in approved landfill or bury in a safe place.

Return to manufacturer.

GENERAL: Consult federal, state or local disposal authorities for approved alternative procedures.

DIRECTIONS FOR USE

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

AMOUNTS GIVEN ARE FOR 100 GALLONS OF DILUTED SPRAY MIXTURE, EXCEPT WHERE OTHERWISE INDICATED.

By Wt.	98.84%
	1.16%
TOTAL 100.00%	

Unulfonated Residue (ASTM D-483) 92%
Petroleum Oil Classification — Unclassified.

E.P.A. Est. No. 08917IP01

E.P.A. Reg. No. 11682-29

Superior Spray Oil is a specially refined high paraffinic oil that assures a high degree of purity as indicated by its minimum unulfonated residue value of 92%. It is formulated to give maximum insecticide efficiency. Superior Spray Oil, when mixed with the specified amount of water, is for use on plants in the dormant stages or during the foliage period. The spray, when applied in keeping with State Extension Service recommendations, provides effective control of specific mites, scale, and other insect pests on deciduous trees and ornamentals. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNING AND DIRECTIONS.**

CAUTION: KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If swallowed, do not induce vomiting; call a physician immediately.

If on skin, remove from the skin by waterless hand cleaners followed by washing with soap, water, and a soft skin brush.

If in eyes, flush eyes with plenty of water for 15 minutes. Call a physician.

FOR EMERGENCY CALL (208) 345-1021

A Product of
SIM-CHEM

MINERALS AND CHEMICAL DIVISION J. R. SIMPLOT COMPANY
Post Office Box 810 • Mountain Home, Idaho 83647

NET CONTENTS GALLONS

S-CHEM-10

SIM-CHEM

SUPERIOR SPRAY OIL

(INSECTICIDE-MITICIDE)

ACCEPTED

MAR 27 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act, recommended for the pesticide registered under EPA Reg. No. 11682-29

ADVERSE STATEMENTS

Do not induce vomiting. Call a physician if you experience dizziness or spray mist.

PRECAUTIONS
Do not be killed by this product. Keep out of fish and estuaries. Do not apply when wind is blowing from the areas treated. Do not apply to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as directed.

ENVIRONMENTAL HAZARDS
Sulfur spray tank must be free of any sulfur residue before using Superior Spray Oil. Do not combine sulfur sprays with other sprays and do not follow a previous application of sulfur spray until 30 days (at least 30 days). If in doubt, do not apply sulfur previously treated with sulfur, using 100% sulfur (time has not elapsed, burn will be prevented). Do not use Superior Spray Oil when temperature is below 32°F. When temperatures drop below 32°F, do not spray tree and vine crops until temperature has risen to a point above 40°F, and are free of frost or heavy dews. Do not use on plants for 90 days before using Captan or combine with Captan, Phaltan, Sevin, or other insecticides. Injury to trees or vines may occur by disease, drought, drying winds, or other factors.

PRECAUTIONS IN SPRAY TANK If emulsion does not form, leaving excessive oil residue on plants, injury to trees or vines may occur if not properly mixed. Do not use for spraying, or rinse that has been used should be disposed of in a safe place away from water.

DISPOSAL Do not use for spraying, or rinse that has been used should be disposed of in a safe place away from water. Do not use for spraying, or rinse that has been used should be disposed of in a safe place away from water.

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Active Ingredient	By Wt.
Mineral Oil	98.84%
Inert Ingredients	1.16%
TOTAL 100.00%	

Unsulfonated Residue (ASTM D-483) 92%
Petroleum Oil Classification — Unclassified.

E.P.A. Est. No. 089171D01 E.P.A. Reg. No. 11682-29

Superior Spray Oil is a specially refined high paraffinic oil that assures a high degree of purity as indicated by its minimum unsulfonated residue value of 92%. It is formulated to give maximum insecticide efficiency. Superior Spray Oil, when mixed with the specified amount of water, is for use on plants in the dormant stages or during the foliage period. The spray, when applied in keeping with State Extension Service recommendations, provides effective control of specific mites, scale, and other insect pests on deciduous trees and ornamentals. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNING AND DIRECTIONS.**

CAUTION:
KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

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NET CONTENTS GALLONS

S-CHEM-10

MIXING DIRECTIONS

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 Superior Spray Oil when tank is about 2/3 full and while there is sufficient agitation of the spray to insure complete emulsification. Complete emulsification is indicated when a uniform milky white spray mixture results. If the spray mixture does not emulsify, do not use this product.

APPLES: Dormant or Delayed Dormant: For the control of SAN JOSE SCALE, APHIDS, EUROPEAN RED MITE, and BROWN MITE EGGS use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

PEARS: Dormant or Delayed Dormant: For the control of SAN JOSE SCALE, APHIDS, EUROPEAN RED MITE and BROWN MITE EGGS, and PEAR PSYLLA EGGS use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

APPLES, PEARS: Summer Application: For the control of ORCHARD MITES use 3 to 4 quarts; summer forms of SAN JOSE SCALE use 1 to 1 1/2 gallons.

APRICOTS, CHERRIES, NECTARINES, PEACHES, PLUMS, PRUNES: Dormant or Delayed Dormant: For the control of SAN JOSE SCALE, EUROPEAN FRUIT LECANIUM, APHIDS, EUROPEAN RED MITE and BROWN MITE EGGS use 1 1/2 to 2 gallons. For concentrate sprays: use 3 to 5 gallons per acre. On oil susceptible varieties and young trees use the lower rate.

GRAPES: Dormant: For the control of MEALYBUG and COTTONY MAPLE SCALE use 1 gallon. Apply at the rate of 200 to 300 gallons of this mixture per acre.

ORNAMENTALS AND SHADE TREES: Conifers (See Note), Holly, Pyracantha, Sycamore, Hawthorne, Flowering Peach, Flowering Cherry, Apple Magnolia, Maple, Dogwood, Oak, Privet, Birch, Brown Soft Scale, Oyster Shell Scale, Brown Apricot Scale, Black Scale, San Jose Scale, Red Spider Mites and Eggs — 1 gallon to 100 gallons water. Dormant Spray on Deciduous Varieties — 2 gallons per 100 gallons water. Dormant Spray on other Varieties — 1 gallon per 100 gallons water. NOTE: May cause discoloration of blue spruce. Do not use on conifers or ferns not tolerant to oil sprays.

CORN: Superior Spray Oil may be used in combination with Atrazine 80WP or 4L at the rate of 1 gallon in 20 to 40 gallons of water per acre by ground and 1/2 gallon in not less than 5 gallons of water per acre by air. Follow the cautions, limitations and directions for use given on an Atrazine 80WP and 4L label.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.