



ORTHO

Lime-Sulfur Solution

(FUNGICIDE-INSECTICIDE-MITICIDE)

Active Ingredient	By Wt.
Calcium Polysulfide	29%
Inert Ingredients	71%
Density - Baume at 60° F.	31°
Contains calcium and sulfur expressed as gypsum—3.0 lbs. per gal. Other combined sulfur 1.9 lbs. per gal.	
Product Weight 10.59 lbs. per gal. at 68° F.	

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Chevron Chemical Company
 Ortho Agricultural Chemicals Division
 San Francisco CA 94119 Richmond CA 94804
 Product 92 Made in U.S.A.
 Form 174-Y2 EPA Est. 239-CA-1
 EPA Reg. No. 239-143-AA

NET CONTENTS
30 GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

Corrosive to eyes. Concentrate causes eye damage and skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. Wash skin thoroughly with soap and water. If swallowed, give large quantities of water, induce vomiting, and see a doctor immediately. Note to Physicians: Emergency Information - call (415) 233-3737.

ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

PHYSICAL OR CHEMICAL HAZARDS

MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

STORAGE AND DISPOSAL

PROHIBITIONS

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Keep this drum in the shade.

PESTICIDE DISPOSAL

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.

CONTAINER DISPOSAL

Reseal container and offer for reconditioning, or triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill, or bury in a safe place (see optional).

GENERAL

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

OPTIONAL

When drum is empty, replace bungs securely and return to manufacturer.

UNLESS OTHERWISE SPECIFIED - USE INDICATED AMOUNT ORTHO LIME-SULFUR SOLUTION TO MAKE 100 GALLONS DILUTED SPRAY.

DIRECTIONS

APPLES: Scab, Powdery Mildew—Use 4 to 5 gals. ORTHO Lime-Sulfur Solution or 2 gals. ORTHO Lime-Sulfur Solution plus 4 to 5 lbs. of Wettable Sulfur. Apply at green tip stage.

CITRUS: Red Spiders—2 gals. Apply when the Spiders appear. Thrips—2 gals. Apply as recommended by your State Agricultural Experiment Stations.

GRAPES (Dormant Only): Powdery Mildew, Mealybugs—2 to 5 gals. to 100 gals. water. Apply 200 gals. dilute spray per acre.

HIMALAYA BLACKBERRIES: Red Berry Trouble (Blackberry Mite)—Use 4 gals. Apply when the leaf buds begin to open. Follow in the early summer with Wettable Sulfur or "ORTHOL" Summer Oil Sprays.

PEACHES, NECTARINES: Leaf Curl, Brown Rot—6 gals. Apply in late dormant period just before the buds begin to swell and in early winter after leaf fall. Concentrate Sprayer. Follow recommendations of State Agricultural Experiment Station.

PEARS: Bud Mite (Pacific Coast States)—5 gals. plus 2 gals. light medium summer oils. Apply in the fall after temperature cools but before the first frost at the time mites first penetrate under the bud scales. Pear Leaf Blister Mite—5 to 7 gals. Apply in dormant season up to time buds swell. May be combined with oils labeled for dormant use. Scab—5 gals. ORTHO Lime-Sulfur Solution in cracked Bud Stage and 2 to 3 qts. in Cluster Bud Stage. Concentrate Sprayer. Follow recommendations of State Agricultural Experiment Station.

FOR PSOROPTIC AND SARCOPTIC SCAB OF CATTLE. FOR PSOROPTIC SCAB OF SHEEP.

OFFICIAL REQUIREMENT—This product meets the standards set forth by the United States Department of Agriculture for the official dipping of Cattle and Sheep for Scabies (Psoroptic, Sarcoptic and Chorioptic varieties). We guarantee the contents of this solution to be of the same composition as the sample we submitted to the Department for examination and that when diluted according to the directions printed hereon for the treatment of Scabies (Psoroptic, Sarcoptic and Chorioptic varieties) on Cattle and Sheep will produce solutions of the composition required by the regulations of the Secretary of Agriculture relative to Scabies (Psoroptic, Sarcoptic and Chorioptic varieties) on Cattle and Sheep.

OFFICIAL DIRECTIONS—The bath must contain not less as ascertained: For Scab (Psoroptic and Sarcoptic) on Cattle—1 gal. to 13 gals. of water; for Scab (Psoroptic and Sarcoptic) on Sheep—1 gal. to 17½ gals. of water. Occasionally add to the vat enough extra Lime-Sulfur Solution to offset the amount of steam condensing in the vat or from other natural causes. Clean out vat after first dipping and use fresh dip for the second. For Scabies (Psoroptic, Sarcoptic and Chorioptic varieties) on Cattle and Sheep dip at 10-day intervals when needed.

FOR USE AS A SOIL AMENDMENT

For alkaline soil correction and improvement of water penetration, use 10 gals. per acre of ORTHO Lime-Sulfur Solution in irrigating water on growing plants. For preplanting treatment, use 20 to 30 gals. per acre of ORTHO Lime-Sulfur Solution in irrigating water.

CAUTION:

Some fruits and other plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proved that sulfur does not damage crops in that locality.



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CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

