

MASTER LABEL

PM 21 802-73

1 of 10

LILLY/MILLER
POLYSUL SUMMER & DORMANT SPRAY CONCENTRATE

Lime-Sulfur Fungicide

Controls Powdery Mildew, Scab & Leaf Curl on Fruits & Shrubs

ACTIVE INGREDIENT:

Calcium Polysulfide 28.7%

INERT INGREDIENTS 71.3%

Keep out of reach of children

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail).

Note: Spanish language statements will be used on containers > 1 gallon.

See side panel for additional precautionary statements.

NET CONTENTS ____ GALLONS

ACCEPTED
DEC 18 1996
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 802-73

96 OCT 29 P5:33

RECD EPA/OPP/OPD1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Fatal if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irreversible eye damage and skin burns. Do not breathe dust, vapor or spray mist or get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, and using tobacco. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment:

Applicators and other handlers must wear: Wear coveralls over long-sleeved shirt and long pants; chemical resistant footwear and waterproof gloves. Use a respirator with MSHA/NIOSH approval prefix *: TC-21C for dust/mist filtering Use protective eyewear such as goggles or face shield. Wear chemical resistant headgear to protect from overhead exposure and wear a chemical resistant apron when mixing or loading this pesticide. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

[Note: On labels restricted to household/residential use only (</ 1 gallon) the following statement will be used: Wear goggles or face shield, protective clothing, and rubber gloves.]

Engineering Controls Statements:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the 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.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink promptly a large quantity of milk, egg white, gelatin solution or if these are not available, large quantities of water. Get medical attention. Do not induce vomiting.
If Inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention. **If In Eyes:** Flush eyes with a gentle stream of water for 15 minutes. Get medical attention. **If On Skin:** Wash with plenty of soap and water. Get medical attention.

Note to Physician: Probable mucosal damage may contraindicate gastric lavage.

30/10

ENVIRONMENTAL HAZARDS

Do not apply directly to water, 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. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

PHYSICAL OR CHEMICAL HAZARDS

Do not mix with fertilizers, acid cleaning compounds or other acidic household chemicals. May give off highly toxic and extremely flammable hydrogen sulfide gas if mixed with acids.

4 of 10

DIRECTIONS FOR USE (Version A - for containers > 1 gallon)

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. Do not apply this product through any type of irrigation system. **SHAKE WELL BEFORE USING.**

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 apply only 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 48 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; waterproof gloves; shoes plus socks; protective eyewear.

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 unprotected persons out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **PESTICIDE STORAGE:** Store product in a secure locked place, inaccessible to children, pets and livestock. **PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your state Pesticide or Environmental Control Agency or the Hazardous Waste representative of the nearest EPA Regional Office for guidance. **CONTAINER DISPOSAL: GLASS** - Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved state and local procedures. **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.

USE PRECAUTIONS: Do not spray straight or diluted material against any painted surface. Walls can be protected with heavy paper or a tarpaulin. Do not use on Evergreens susceptible to sulfur injury. Do not use on apples or pears immediately following an oil spray. Do not spray Delicious apples in the pink stage; severe drop of fruit may occur later. For exact timing and spacing of sprays, consult State Agricultural Experiment Station or State

Extension Service Specialist. Sulfur may cause injury if applied when temperature is excessively high; application should not be made at such time.

DILUTIONS - SHAKE WELL BEFORE USING

A (Dormant)

1 cup POLYSUL per gallon of water; or
6 gallons POLYSUL per 100 gallons of water.

B (Dormant Combination Spray)

1/2 cup POLYSUL plus 1/3 cup Lilly/Miller Superior Type Spray Oil per gallon of water; or
3 gallons POLYSUL plus 2 gallons Lilly/Miller Superior Type Spray Oil per 100 gallons of water.

C (Spring and Summer Spray)

4 teaspoons POLYSUL per gallon of water; or
2 quarts per 100 gallons of water.

DORMANT SPRAY (After leaves fall, buds dormant)

Crops and Pests	Time of Application	Dilution to Use
1. ROSES, FRUITS, SHRUBS (Deciduous) Powdery Mildew, Scab	EARLY SPRING: Just before buds break. Spray thoroughly to wet bushes, trees and surrounding soil, weeds and trash. Do not use on apricots.	A
2. Same as No. 1, plus Aphids' Eggs, Mites, Scale	Same as No. 1	B
3. PEACHES Leaf Curl	1st Spray - Late fall before winter storms. 2nd Spray - Early January; trees fully dormant. 3rd Spray - Early spring, just before buds break. This spray is most essential.	A
4. BERRIES (Cane) Anthracnose, Rust	EARLY SPRING: Just before buds break. Note: Spray again in fall as leaves turn color.	A
5. BERRIES (Cane) Blackberry Mite	FALL: After old canes removed. Spray again in spring - see Spring and Summer Spray Chart.	A

SPRING AND SUMMER SPRAY CHART (Foliage and Flower Sprays)

6. ROSES, FLOWERS, ORNAMENTALS Powdery Mildew, Rust, Mites	GROWING SEASON: When foliage appears, spray thoroughly every 4 days. When weather is warm and dry, spray at 10-day intervals. Repeat after	C
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rains. Note: On tender new growth - use 1/2 of dilution C.

7. PEACHES, CHERRIES (Ornamental) Brown Rot	GROWING SEASON: When blossoms show color, spray every 7 to 10 days until under control. Spray more often during moist warm weather.	C
8. APPLES, PEARS Scab, Powdery Mildew	SPRING: Apply when leaves are separating just exposing bud cluster. Repeat at 7-day intervals for 3 or more sprays. When in blossom, wait until 3/4 of petals have fallen before spraying.	C
9. BERRIES (Cane) Blackberry Mite, Anthracnose, Yellow Rust	SPRING: 1st Spray - After vines are trained and new buds are in the green stage. 2nd Spray - When fruiting arms are about 1 ft. long, before blossoms have opened.	A C

SOIL CORRECTIVE - Lawns and Planting Beds

To correct clay lawn soils and heavy alkaline soils, or to condition soils for acid loving plants - use 1 pint Lilly/Miller POLYSUL in 10 or more gallons of water for 500 sq. ft. Water lawn or soil after applying. Makes soil more permeable for plant roots and moisture, and increased root feeding area.

ROSES - Combination Spray for Rust, Black Spot, and Powdery Mildew

Use 1 tablespoon Lilly/Miller POLYSUL plus 10 tablespoons (1/2 cup plus 2 tablespoons) Lilly/Miller Captan per gallon of water. When foliage appears spray thoroughly every 4 days. When weather is warm and dry, spray at 10-day intervals. Repeat after rains. NOTE: Dilute Captan in most of water and dilute POLYSUL in balance, then mix together.

LIMIT OF WARRANTY AND LIABILITY

The Chas. H. LILLY Co. (LILLY) warrants that this product conforms to the chemical or other description on the label (and/or instructions) and is reasonably fit for the purposes set forth on the label (and/or instructions) when used strictly in accordance with the label (and/or instructions) under the conditions described there. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the following conditions:

- *Buyer and all users shall promptly notify LILLY of any claims whether based in contract, negligence, strict liability, other tort, or otherwise.
- *THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE LIMIT OF LIABILITY OF LILLY FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (including claims based upon contract, negligence, strict liability, other tort, or otherwise) SHALL BE:

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1. The purchase price paid for the product; or at the election of LILLY
2. The replacement of such quantity of the product as is involved.

IN NO EVENT SHALL LILLY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

*LILLY agents have no authority to give warranties or make representations on its behalf, concerning the use, quality or performance of this product, or in any other respect.

*The use, handling, storage, and other influencing factors are beyond the control of LILLY. Buyer assumes all risk of loss, injury, or damage due to use, handling, storage and other influencing factors, including but not limited to, incompatibility with other products, and weather conditions.

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DIRECTIONS FOR USE (Version B - for containers \leq 1 gallon)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
For household use only. **SHAKE WELL BEFORE USING.**

Protects roses, fruits and ornamental shrubs

Controls powdery mildew, apple scab, peach leaf curl and rust

A traditional, time-tested product

For dormant and growing-season disease control

Forms a protective coating over peach buds to prevent leaf curl disease

STORAGE AND DISPOSAL

Storage: Store this product in its original container and keep in a locked storage area out of reach of children and domestic animals. Close cap tightly after each use. Keep from freezing.

Disposal: Do not reuse container. Rinse thoroughly before discarding and securely wrap original container in several layers of newspaper and discard in trash.

USE PRECAUTIONS: Do not spray straight or diluted material against any painted surface. Walls can be protected with heavy paper or a tarpaulin. Do not use on Evergreens susceptible to sulfur injury. Do not use on apples or pears immediately following an oil spray. Do not spray Delicious apples in the pink stage; severe drop of fruit may occur later. For exact timing and spacing of sprays, consult State Agricultural Experiment Station or State Extension Service Specialist. Sulfur may cause injury if applied when temperature is excessively high; application should not be made at such time.

DILUTIONS - SHAKE WELL BEFORE USING**A (Dormant)**

1 cup POLYSUL per gallon of water.

B (Dormant Combination Spray)

1/2 cup POLYSUL plus 1/3 cup Lilly/Miller Superior Type Spray Oil per gallon of water.

C (Spring and Summer Spray)

4 teaspoons POLYSUL per gallon of water.

DORMANT SPRAY (After leaves fall, buds dormant)

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To correct clay lawn soils and heavy alkaline soils, or to condition soils for acid loving plants - use 1 pint Lilly/Miller POLYSUL in 10 or more gallons of water for 500 sq. ft. Water lawn or soil

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after applying. Makes soil more permeable for plant roots and moisture, and increased root feeding area.

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NOTICE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97283
EPA Reg. No. 802-73
EPA Est. 48498-CA-01
44616-MO-01
44641-CA-01