

MAY 9 1993

Ms. Lisa J. Strong
Western Farm Service
P.O. Box 1168
Fresno, California 93715

Dear Ms. Strong:

Subject: Poly-Sul Fungicide-Insecticide-Miticide
EPA Reg. No. 11656-51
Your Submission of September 21, 1993

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) and sec. 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. It has been determined that the word "Poison" and skull and cross-bones is not required for this product and may be deleted.

b. The PPE for applicators and other handlers and for early entry, must be changed to "coveralls over long-sleeved shirt and long pants".

c. The section of WPS labeling "User Safety Recommendations" must be enclosed within a box as are the "Agricultural Use Requirements".

d. Under Environmental Hazards, add "Do not contaminate water when disposing of equipment washwaters."

e. Add "Do not apply this product through any type of irrigation system" or add the labeling statements as required by

PR Notice 87-1.

f. The following typographical errors were noted: In the Spanish language statement under the signal word, correct the spelling of "busque". Under Agricultural Use Requirements, in the second sentence, second paragraph, correct "under". In Personal Protective Equipment section, correct the spelling of "apron". Under Storage and Disposal, 3rd sentence, 1st paragraph, correct "disposed".

3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Steve Robbins *SR*
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:5/19/94

WESTERN



FARM SERVICE

3 4 6

POLY-SUL

Fungicide-Insecticide-Miticide

ACTIVE INGREDIENT	BY WEIGHT
Calcium polysulfide.....	29%
INERT INGREDIENTS.....	71%
TOTAL	100%

Contains calcium and sulfur expressed as gypsum-3.0 lbs. per gallon. Other combined sulfur 1.9 lbs. per gal. Product Weight 10.5⁹ pounds per gallon at 68° F.

EPA Reg. No 11656-51 NET CONTENTS ___ GALS
EPA Est. No. 11656-CA-30

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAY 19 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No

11656-51

KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO**



POISON

BEST AVAILABLE COPY

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

Fatal if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irrversible eye damage and skin burns. Do not breathe dust, vapor or spray mist or get in eyes, on skin or on clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Promptly drink one or two glasses of water and induce vomiting by touching back of throat with fingers. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF IN EYES: Flush with a gentle steady stream of water for 15 minutes. Get medical attention.

IF IN SKIN: Wash with plenty of soap and water. Get medical attention.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

Western Farm Service, Inc.

P.O. Box 1168
Fresno, CA 93715

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.

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), notification to workers and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Workers 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 that involves contact with anything that has been treated, such as plants, soil or water, is:

- . Coveralls over short-sleeved shirt and short pants
- . Waterproof gloves
- . Chemical-resistant footwear plus socks
- . Protective eyewear
- . Chemical-resistant headgear for overhead exposure

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 is safe for that crop or in that locality. Do not apply oil following POLY-SUL nor POLY-SUL following oil, in foliage period.

FOR USE AS A SOIL CONDITIONER, Alkaline soil correction and improvement of water penetration: 10 to 30 gallons per acre in irrigation water on growing plants. Make 2 to 3 applications.

For pre-planting treatment: 20 to 30 gallons per acre in irrigation water.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS &
DOMESTIC ANIMALS**

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- . Coveralls over short-sleeved shirt and short pants
- . Waterproof gloves
- . Chemical-resistant footwear plus socks
- . Protective eyewear
- . Chemical-resistant headgear for overhead exposure
- . Chemical-resistant apron when cleaning equipment, mixing, or loading
- . Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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.

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.

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, food or feed by storage or disposal.

STORAGE AND DISPOSAL

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

STORAGE: Keep pesticide in original container. Store in a cool, dry area. Store product in a secure locked place, inaccessible to children, pets and livestock. Protect from excessive heat. For help with any spill, leak, fire or exposure involving this material, call day or night 800-424-9300.

DISPOSAL: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary land-fill or by other approved state and local procedures.

DIRECTIONS FOR USE

APPLES: Powdery mildew - 0.5 to 3 gal. per 100 gallons of spray. Apply in prepink, pink and calyx stages and throughout the growing season as needed. Blotch - 2 gal per 100 gallons spray. Apply in pre-bloom and petal fall stages and ten days later. Leaf spots - 7.5 to 10 gal. per 100 gallons spray in delayed dormant stage or 1/2 gal. per 100 gallons spray in growing season. Dormant or Delayed Dormant - Pear psylla, pear psylla eggs, blister mites, rust mites - 4 gal. per 100 gallons plus 1-1/2 gal. superior type oil per 100 gallons. Scab - 6 to 11 gal. per 100 gallons spray. For use in prepink, pink and calyx periods, use 0.5 to 3 gal. per 100 gallons spray. NOTE: Use on Delicious apples may result in injury. Apply 1.5 to 2.0 gal. in delayed dormant, prepink and pink stages. Scale insects, aphids - 3 gal. per 100 gallons spray with 1-1/2 gal. superior type oil as conventional full gallonage spray. POLY-SUL may be used alone at 6 to 11 gal. per 100 gallons for control of scale insects, blister mites and rust mites as a full gallonage spray.

BLACKBERRIES: Anthracnose, powdery mildew, rust - 6 to 12 gal. per 100 gallons spray. Apply in dormant or delayed dormant (green bud) stages. Use 0.5 gals. per 100 gallons spray when fruiting canes are about one foot long and before blossoms have opened. Cane blight, overwintering fungus spores - 9.5 to 15.6 quarts per 100 gallons spray. Apply at spring bud swell. Repeat in late fall dormant period.

GRAPES: Anthracnose, powdery mildew - 2 qts. per 100 gallons spray when new shoots are 4 to 6 inches long. Use 1 pt. plus 4 lbs. sulfur per 100 gallons on mature foliage.

NECTARINES: Brown rot, leaf spot, shothole - 7 gal. in 100 gallons spray. Apply 3 to 5 times at weekly intervals before harvest. Leaf curl - 6 gal. in 100 gallons spray. Apply in early winter and late dormant periods. Powdery mildew - 2 to 3 qts. in 100 gallons spray. Apply when disease appears.

PEACHES: Brown rot, leaf spots - 2 qts. per 100 gallons spray. Apply 3 to 5 times at weekly intervals before harvest. Brown rot, blossom blight - 1 pint of POLY-SUL per 8 to 16 gallons spray. Apply in pre-bloom, early bloom and full bloom stages. Leaf curl, scab, shothole - 3.9 to 12 gal. per 100 gallons spray. For leaf curl, use 8 gal. per 100 gallons spray in dormant period. Powdery mildew - 7.5 in 100 gallons spray at delayed dormant stage and 4 to 5 gal. at green tip stage. Use 1.5 qts. on summer foliage. Dormant or Delayed Dormant Sprays: Scale insects, silver mites, peach twig borer, aphids - 6 to 11 gal. per 100 gallons spray or 3 gal. per 100 gallons with 1-1/2 gal. superior type oil for additional control of brown and red mites.

PEARS: Powdery mildew, scab - 6 to 11 gal per 100 gallons, as a full coverage dormant or delayed dormant spray. For powdery mildew, continue spraying throughout growing season as needed. NOTE: Use on d'anjou pears after the calyx period may result in injury. Dormant or Delayed Dormant: Pear psylla, pear psylla eggs, blister mites, rust mites - 4 gal. per 100 gallons spray with 1-1/2 gal. superior type oil. Scale insects, aphids - 3 gal. per 100 gallons spray with 1-1/2 gal. superior type oil as a conventional full gallonage spray. POLY-SUL may be used alone at 6 to 11 gal. per 100 gallons spray for control of scale insects, scab, blister mites and rust mites as a full gallonage spray. Post-Harvest Spray - Pear psylla, rust mite - 4 gal. per 100 gallons spray with 3/4 gal superior type oil.

PLUMS: Blotch, powdery mildew - 2 qts. per 100 gallons spray. Begin 3 to 5 weeks before harvest. Repeat weekly until picking. Brown rot (fruit rot) - 1 pt. per 16 gallons spray. Apply 20, 10 and 2 days before harvest. Leaf curl - 10 to 12 gal. per 100 gallons spray. Apply in dormant stage. Dormant or Delayed Dormant Sprays - Scale insects, silver mites, peach twig borers, aphids - 6 to 11 gal. per 100 gallons spray or 3 gal. with 1-1/2 gal. superior type oil per 100 gallons spray for additional control of brown and red mites.

PRUNES: Black knot - 0.5 pts per 1 gallon spray. Apply in green tip stage. Brown rot (fruit rot), leaf spot, powdery mildew - 2 qts. per 100 gallons spray. Begin 3 to 5 weeks before harvest. Apply at weekly intervals until picking. Dormant or Delayed Dormant Sprays - Scale insects, silver mites, peach twig borer, aphids - 6 to 11 gal. in 100 gallons spray or 3 gal. with 1-1/2 gal. of superior type oil for additional control of brown and red mites.

RASPBERRIES: Anthracnose, powdery mildew - 1 pt. per 1.5 gallons spray. Spray once when new canes are 8 to 12 inches long, or, for anthracnose, use 1 pt. per gallon and apply when buds begin to break. Cane blight, overwintering fungus spores - 1 to 3.75 pints per 12 gallons spray. Apply at spring bud swell. Repeat in late fall dormant period. Sour blight - 10 to 12 gal. per 100 gallons spray. Apply in delayed dormant stage when buds begin to break and show silver

NOTICE OF WARRANTY

WESTERN FARM SERVICE, INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE OR OTHERWISE, EXPRESS OR IMPLIED, concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

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