

66196-3

4/24/2003

1/5

BSP SULFORIX

(FUNGICIDE-INSECTICIDE-MITICIDE)

ACCEPTED
APR 24 2003
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 66196-3

ACTIVE INGREDIENT: BY WEIGHT
Calcium Polysulfide..... 27.5%
OTHER INGREDIENTS..... 72.5%
TOTAL..... 100.0%

DENSITY -
Baume at 68°F..... 29.9°
Contains calcium and sulfur expressed as gypsum - 2.8 lbs/gal.
Total sulfur 2.29 lbs/gal. Other combined sulfur 1.8 lbs/gal. 10.5 lbs/gal.

EPA Reg. No. 66196-3

EPA Est. No. 66196-CA-1

SULFORIX - Reg. TM of Best Sulfur Products for calcium polysulfide (fungicide-insecticide-miticide).

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.)

FIRST AID	
If swallowed	<ul style="list-style-type: none"> •Call poison control center or doctor immediately for treatment advice. •If he is alert and able to swallow, have patient drink water. 1-2 cups up to five years of age. Up to 1 quart over 5 years of age. Do not exceed above quantities in order to avoid vomiting. •Do not induce vomiting unless told to do so by the poison control center or doctor. •Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> •Move person to fresh air. •If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. •Call a poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none"> •Hold eyes 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 eye. •Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> •Take off contaminated clothing. •Rinse skin immediately with plenty of water for 15-20 minutes. •Call poison control center or doctor for treatment advice.
NOTES:	<ul style="list-style-type: none"> •Have the product container or label with you when calling a poison control center or doctor or going for treatment. •In the event of a medical emergency, you may also contact the National Pesticide Telecommunications Network at 1-800-858-7378.
NOTE TO PHYSICIAN:	<ul style="list-style-type: none"> •Probable mucosal damage may contraindicate gastric lavage.

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

DANGER

May be 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 breath dust, vapor or spray mist or get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance selection chart. Applicators and handlers must wear: Coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, chemical resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing or loading.

For exposures in enclosed areas a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G) must be used.

For exposures outdoors dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C) must be used.

Discard clothing and other absorbent material 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.

If farm workers are unable to read, they must be given oral warnings and it must be assured that they understand label precautions and first-aid treatments. Warnings must be given in appropriate language if workers do not understand English. Oral warnings should be given to inform workers of areas or fields which should not be entered without protective clothing, the amount of time the area or field should be vacated and first-aid actions to take in case of accidental exposure.

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 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

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

NET GALLONS
MANUFACTURED BY:

3/5

AG FORMULATORS, INC.
5427 E. Central Avenue
Fresno, CA 93725

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), 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 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 over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, chemical-resistant footwear plus socks, protective eyewear, and chemical-resistant headgear for overhead exposure.

DIRECTIONS FOR USE - Cont'd

SULFORIX is a balanced fungicide-insecticide-miticide composition containing special effective wetting agents. For best results, spray to cover all exposed plant parts and repeat as necessary.

Do not use on apricots as they are susceptible to sulfur injury. SULFORIX may burn foliage when temperature is high (85°F). Do not make applications at such times. When applied to crops with foliage, let 30 days elapse between treatments with SULFORIX and treatments with an oil spray. If crust occurs on surface of SULFORIX, break through. Crystallization does not impair product quality. Do not apply, or allow to drift, to painted surfaces as a permanent stain may result. Do not combine Sulforix with other pesticides unless previous experience has shown them to be compatible. If tank mixing, always follow the more restrictive label directions. This product cannot be mixed with any product containing a label prohibition against such mixing. Read entire label and use strictly in accordance with label directions.

Do not apply under conditions involving possible drift to food, forage or other planting that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Important Note: SULFORIX is a contact fungicide. Thorough coverage is necessary.

Since Ag Formulators, Inc. cannot make the determination of the tree density and row spacing in any given orchard, in order to prevent potential crop injury, the responsibility of using the proper spray equipment, correct calibration for the sprayer, correct label rate and uniform distribution of the spray pattern are the responsibility of the grower/applicator.

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

APPLES AND PEARS: Scab and Mildew control - Use 2 quarts in 100 gals. of water. Apply in Prepink, Pink and Calyx periods.

Powdery Mildew - Continued spraying is required during growing season.

Do not use SULFORIX on d'Anjou pears after the Calyx period.

CANEBERRIES: (Such as Blackberries, Boysenberries, Raspberries, and other caneberrries) POST HARVEST TREATMENT - Blackberry Mite - Use 3-6 gals. per 100 gals. of water. Apply after old canes are removed. Spray again in spring.

Leaf Spot, Cane Blight, Blackberry Mite, Anthracnose, Yellow Rust - Use 3-6 gals. per 100 gals. of water. Apply as a delayed dormant spray.

NOTE: Spray again in Fall as leaves turn color.

SECOND SPRAY - Use 2 qts. per 100 gallons of water. Apply when fruiting arms are about 1 ft. long, before blossoms have opened.

CHERRIES: Powdery Mildew - 2 qts. per 100 gallons water when disease appears, or use ½ pint with 4 lbs. wettable sulfur. DO NOT USE ON CHERRIES WHEN FRUIT IS PRESENT.

GRAPES: Powdery Mildew - During the DORMANT period - Apply 1 gallon per acre in sufficient water for coverage. During the GROWING SEASON - Apply 1 pint SULFORIX or 1 pint SULFORIX plus 4 lbs. wettable sulfur in 100 gal. water. Begin applications when early shoot growth occurs and reapply as new shoots appear as new growth will not be protected.

HAZELNUTS: Big Bud Mite - Apply 3 gallons of product per acre in sufficient water for complete coverage of trees (recommend a minimum of 100 gallons of water per acre). Apply when buds begin to open in the spring.

PEARS: POST HARVEST AND LATE FALL TREATMENTS - Pear Bud Mites, Blister Mites - Immediately after harvest: Apply 2 ½ gals. SULFORIX per acre in sufficient water for a thorough coverage application on average size trees.

FALL SPRAY (September-October, just prior to Leaf Fall) - Apply 2 ½ gals. SULFORIX per acre. Use sufficient spray for a thorough coverage application.

DELAYED DORMANT SEASON TREATMENT - Pear Leaf Blister Mites, Pear Psylla, Scale Insects, Aphid and Mite eggs - Apply 2 ½ gals. SULFORIX per acre combined with 3 to 5 gals. Dormant Emulsion or 1 ½ to 2 gals. Superior or Supreme type spray oil in each 100 gals. water. Use sufficient spray for a thorough coverage application.

RED CLOVER AND ALFALFA: Powdery Mildew - 1 gal. in 50 to 100 gals. water per acre at bud stage.

ROSES (Nursery Stock and Field Grown Ornamentals): Powdery Mildew, Rust, Black Spot, Red Spider Mites - Use 1 ½ pts. per 100 gals. of water on tender new growth and 1 ½ qts. in 100 gals. of water if mildew becomes severe. Pick open flowers before spraying to avoid discoloration.

STONE FRUIT (PEACHES, NECTARINES, PRUNES AND PLUMS): Brown Rot, Leaf Spot - Use 2 qts. per 100 gals. water. Apply 3 to 5 weeks before harvest, repeating at weekly intervals until just before picking. Powdery Mildew - 2 qts. per 100 gals. water, when disease appears, or use ½ pint with 4 lbs. wettable sulfur.

PEACHES: Powdery Mildew - Use 1 pt. plus 5 to 10 lbs. wettable sulfur per 100 gals. of water as a dilute application or 2 to 4 pts. plus 15 to 32 lbs. wettable sulfur per acre in 20 to 120 gals. per acre as a concentrate application.

Leaf Curl - Apply after all leaves have fallen and before buds begin to swell. If Leaf Curl has been severe, two applications may be needed, the first in Early Dormant and the second in Delayed Dormant. Apply 4 gallons per acre in a full coverage spray.

Rust - Apply 2 quarts SULFORIX per 100 gallons of water. Begin applications 2 weeks after petal fall and continue making applications at approximate two week intervals throughout the season.

PRUNES: Rust - Apply 2 quarts SULFORIX per 100 gallons of water. Begin applications at full leaf expansion and continue making applications at approximate two week intervals throughout the season.

PERENNIAL RYEGRASS: Rust (Puccinia Spp.) Rates and Timings: For suppression of rusts (Puccinia Spp.) apply 2 qts. of SULFORIX per acre/per application just before or as first rust pustules appear. Sequential treatments or other fungicides may be needed as more rust pustules develop. SULFORIX, alone, will not provide season-long rust control. Apply only by ground equipment using at least 20 gallons of water per acre.

STORAGE AND DISPOSAL

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

STORAGE: Store product in a secure locked place, inaccessible to children, pets and livestock. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Keep container in the shade. For help with any spill, leak, fire, or exposure involving this material, call day or night CHEMTREC (800) 424-9300.

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: Triple rinse (or equivalent). Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or dispose of by other procedures allowed by state and local authorities.

CONDITIONS OF SALE

1. Ag Formulators, Inc. (AFI) warrants that this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with the directions under normal conditions of use. No one other than an officer of AFI is authorized (and such authorization must be in writing) to make any other warranty, guarantee or direction concerning this product.
2. Because the time, place, rate of application, weather conditions and normal or abnormal conditions of use or storage are beyond AFI's control, AFI's liability is limited to replacement of product or refund of purchase price. In no event shall AFI be liable for indirect or consequential damages.