



## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Dr. Matthew Brooks, agent for Ag Formulators Inc. Ag-Chem Consulting LLC 12208 Quinque Lane Clifton, VA 20124

AUG 1 1 2008

Subject:

**BSP Sulforix** 

EPA Registration No. 66196-3

Your submission dated: October 14, 2007

Decision No. 385185

Dear Dr. Brooks:

The label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable, provided that the changes listed below are made.

Revise your Hazards to Humans and Domestic Animals statement to read:

"Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed, inhaled or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe dust, vapor or spray mist. This product is corrosive to flesh because of its caustic alkaline nature."

One copy of the label stamped "Accepted, with comments" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment. If you have any questions, please contact Tracy Keigwin of my team at (703) 305-6605 and/or via email at <a href="mailto:keigwin.tracy@epa.gov">keigwin.tracy@epa.gov</a>.

Sincerely,

Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7505P)

Mary J. Waller

Enclosure



# SULFORIX® (FUNGICIDE-INSECTICIDE-MITICIDE)

ACTIVE INGREDIENTS:	BY WEIGHT
Calcium Polysulfides	27.5%
OTHER Ingredients	72.5%
TOTAL	100.0%
DENSITY:	
Baurne at 68 °F	29.9°
Lbs. per Gallon at 68 °F	10.5

Contains Calcium and Sulfur expressed as Gypsum -2.8 lbs. per gallon. Total Sulfur -2.29 lbs. per gallon. Other combined Sulfur -1.8 lbs. per gallon.

EPA Reg. No 66196-3

EPA Est. No. 66196-CA-1

BSP 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

FIRST AID	
If swallowed:	Call a 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 vomitting. Do not induce vomiting unless fold to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled:	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:	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:	Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
NOTES:	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 Information Center at 1-800-858-7378.
NOTE TO PHYSICIAN:	Probable mucosal damage may contraindicate gastric lavage.

SFX03/07

# 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 breathe dust, vapor, spray mist, 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, a 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 products' concentrale. Do not reuse them. Follow manufacturers' 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 intential areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. 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:



ACCEPTED
with COMMENTS
In EPA Letter Dated
AUG 1 1 2008

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

66196-3

RED CLOVER AND ALFALFA: Powery Mildew – 1 gallon of BSP SULFORIX in 50 to 100 gallons water per acre at bud stage.

ROSES (Nursery Stock and Field Grown Ornamentals): Powdery Mildaw, Rust, Black Spot, Red Spider Mites — Use 1½ pints of BSP SULFORIX per 100 gallions of water on tender new growth and 1½ quarts of BSP SULFORIX in 100 gallions of water if mildaw becomes severe. Pick open flowers before spraying to avoid discoloration.

STONE FRUIT (PEACHES, NECTARINES, PRUNES AND PLUMS): Brown Rot, Leaf Spot – Use 2 quarts of BSP SULFORIX per 100 gallons water. Apply 3 to 5 weeks before harvest, repealing at weekly intervals until just before picking. Powdery Mildew – 2 quarts of BSP SULFORIX per 100 gallons water, when disease appears, or use ½ pint of BSP SULFORIX with 4 pounds wettable sulfur.

PEACHES: Powdery Mildew — Use 1 pint of BSP SULFORIX plus 5 to 10 pounds wettable sulfur per 100 gallons of water as a dilute application or 2 to 4 pints of BSP SULFQRIX plus 15 to 32 pounds wetlable sulfur per acre in 20 to 120 gallons 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 of BSP SIU FORIX or acre in a full coverage spray.

of BSP SULFORIX per acre in a full coverage spray.

Rust – Apply 2 quarts of BSP 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 of BSP SULFORIX per 100 gailons 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 quarts of BSP 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. BSP SULFORIX, atone, will not provide season-long rust control. Apply BSP SULFORIX only by ground equipment using at least 20 galions of water per acre.

#### STORAGE AND DISPOSAL

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

STORAGE: Keep pesticide in original container. Store product in a secure locked place, inaccessible to children, pets, and livestock. 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

- 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.
- 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.

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