

66196-3

5-14-2003

1/11

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
286411

Application for Pesticide - Section I

1. Company/Product Number Ag Formulators, Inc. / 66196-3	2. EPA Product Manager Ms. Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ag Formulators, Inc. BSP Sulforix	PMP 21	
5. Name and Address of Applicant (Include ZIP Code) Ag Formulators, Inc. C/O Siemer & Associates, Inc. 4672 West Jennifer Suite 103 Fresno, CA 93722 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAY 14 2003

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Adding wording to label claims to broaden several of those claims, gathered warning statement wording brought it forward on label so that all warning statements are together. See attached label and letter.  
"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4. Size(s) Retail Container 30 lbs.		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input checked="" type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name S.R. Siemer Ph.D.		Title Regulatory Agent for Ag Formulators, Inc.		Telephone No. (Include Area Code) 559-275-0911	
<p align="center"><b>Certification</b></p> <p>I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p>					6. Date Application Received (Stamped)
2. Signature 		3. Title Regulatory Agent for Ag Formulators, Inc.			
4. Typed Name S.R. Siemer Ph.D.		5. Date 04/28/2003			

2/11

# BSP SULFORIX

(FUNGICIDE-INSECTICIDE-MITICIDE)

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).

NOTIFICATION  
MAY 14 2003

## 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	<input type="checkbox"/> Call poison control center or doctor immediately for treatment advice. <input type="checkbox"/> 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. <input type="checkbox"/> Do not induce vomiting unless told to do so by the poison control center or doctor. <input type="checkbox"/> Do not give anything by mouth to an unconscious person.
If inhaled	<input type="checkbox"/> Move person to fresh air. <input type="checkbox"/> If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. <input type="checkbox"/> Call a poison control center or doctor for further treatment advice.
If in eyes	<input type="checkbox"/> Hold eyes open and rinse slowly and gently with water for 15-20 minutes. <input type="checkbox"/> Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. <input type="checkbox"/> Call a poison control center or doctor for treatment advice.
If on skin or clothing	<input type="checkbox"/> Take off contaminated clothing. <input type="checkbox"/> Rinse skin immediately with plenty of water for 15-20 minutes. <input type="checkbox"/> Call poison control center or doctor for treatment advice.
NOTES:	<input type="checkbox"/> Have the product container or label with you when calling a poison control center or doctor or going for treatment. <input type="checkbox"/> In the event of a medical emergency, you may also contact the National Pesticide Information Center at 1-800-858-7378.
NOTE TO PHYSICIAN:	<input type="checkbox"/> 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**

4/11

NET GALLONS  
MANUFACTURED BY:

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.

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

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

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.

5/11

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

**READ ENTIRE LABEL AND USE STRICTLY IN ACCORDANCE WITH LABEL DIRECTIONS.**

**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 caneberreries) POST HARVEST TREATMENT - Blackberry Mite - Use 3-6 gals. per 100 gals. of water. Apply after old canes are removed. Spray again in spring.

**EARLY SPRING (DELAYED DORMANT) TREATMENT - Red Berry Mite, 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: Brown Rot, Leaf Spot, Powdery Mildew -** 2 qts. per 100 gallons water when disease appears, or use ½ pint with 4 lbs. wettable sulfur. **DO NOT USE ON FRESH MARKET 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:** (Not For Use in California) 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.

7/11

### 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.

Sulforix label/4112

8/11

**Fiener**  
& ASSOCIATES INCORPORATED  
*Consultants to Agriculture and the Chemical Industry*

April 25, 2003

Ms. Mary Waller  
Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Hwy  
Arlington, VA 22202-4501

Subject: Ag Formulators, Inc.  
BSP Sulforix, EPA Reg. No. 66196-3  
Notification of Change



Dear Sir or Madam:

The above EPA registered product is the subject of this letter twice. The first one relates to informing EPA of mistakes that have been made in the current label that is in the field. The second has to do with corrections being made on the Sulforix label. These separate subjects are individually listed and referred to below:

1. Errors made at the print shop: We are providing a list of what we have found showing typographical errors, additions and deletions to the label in the field that deviate from the approved label (Label out in the field is attached). These are shown in Appendix A.\ and will be corrected at the next printing.
2. We have enclosed an EPA Form #8570-1 amending the previously approved label to permit making changes in this label. The changes are highlighted on the label to expedite its review. This label and the EPA Form are incorporated in Appendix B. It is realized that this is somewhat of a confusing situation however, we hope that this confusion can be avoided in the future by proof-reading the printers label before attaching it to any containers. The label being used in the field today was not proof-read before it was printed in final forms.

The changes on the approved label are changes that are requested to be made and are not related to printer errors. These changes are highlighted and the required EPA Form #8570-1 to make these changes is attached to the modified label as shown in Appendix B.

This notification is consistent with the provisions of PR-Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18



9/11

U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR-Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

If you have any questions, please contact me.

Sincerely,

SIEMER & ASSOCIATES, INC.



SR Siemer, Ph.D.  
Regulatory Agent for Ag Formulators, Inc.

168 4112

## APPENDIX A

List of showing typographical errors, additional wording and deletion of wording. (The changes are underline on this list.)

1. Left off **(PPE)**
2. Left off (
3. Left out the word **of**
4. The **Storage and Disposal Statement** needs to be moved to the end of the Direction for Use statement
5. Left off the word **part**
6. **Directions for Use – Cont'd** is in the wrong location on printed label
7. Left of 3-**6** gals. per ....
8. Added the wording **..EARLY SPRING 9DELAYED DORMANT) TREATMENT – Red Berry Mite**
9. Left off 3-**6** gals. per.....
10. Added the wording **Brown Rot, Leaf Spot**
11. Added the wording **(NOT FOR USE IN CALIFORNIA)**
12. Deleted wording **(California and Northwest only)**
13. Deleted entire portion of wording regarding **Perennial Ryegrass**

# APPENDIX B