

JUN 21 2002

Ms. Emily Smathers Ratliff  
Helena Chemical Company  
225 Schilling Boulevard, Suite 300  
Collierville, Tennessee 38017

Dear Ms. Ratliff:

Subject: 90% Sulfur Dust  
EPA Reg. No. 5905-422  
Your Submission of May 2, 2002

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable provided that the following labeling changes are made prior to release of the product for shipment.

1. In the revised First Aid section, change the heading from "If on skin" to "If on skin or clothing". Correct the second sentence under this heading to read "Rinse skin immediately with plenty of water for 15-20 minutes."
2. There has been a recent change in the Worker Protection Standard (WPS) labeling regarding the use of the term "waterproof gloves". Under Personal Protective Equipment, add "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 category selection chart." Change "waterproof gloves" to "chemical-resistant gloves made of any waterproof material" in the PPE statement and in the Agricultural Use Requirements box.
3. Under Environmental Hazards, change the first sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."
4. For alfalfa, add "Dust when infestation threatens."

Submit one copy 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.

Sincerely yours,



Mary L. Waller  
Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

7505C:CGrable:cg:6/20/02

# 90% SULFUR DUST

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ACTIVE INGREDIENTS:	BY WEIGHT
Sulfur as elemental .....	90.0%
INERT INGREDIENTS: .....	10.0%
TOTAL .....	100.0%

**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.)

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER - PELIGRO**

Causes irreversible eye damage. Harmful if absorbed through skin. Do not get in eyes, on skin or on clothing.

**FIRST AID**

**IF IN EYES:**

- Hold eyelid 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.
- Call a poison control center or doctor immediately for treatment advice.

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Have a person sip a glass of water if able to swallow.
- Do not give anything to an unconscious or convulsing person.

**IF ON SKIN:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water, after the first minutes, then continue rinsing.
- Call a poison control center or doctor immediately for treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. In case of emergency, call ChemTrec at 1-800-424-9300.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

**SEE INSIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

EPA REG. NO.: 5905-422  
EPA EST. NO.:

NET WEIGHT: 50 LBS. (22.68 Kg.)

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
JUN 21 2002**

**MANUFACTURED BY  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TENNESSEE 38017**

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

5905-422

## PERSONAL PROTECTIVE EQUIPMENT

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### Applicators and other handlers must wear:

- Long-Sleeved shirt and long pants
- Protective Eyewear
- Waterproof gloves
- Shoes plus socks

Discard clothing and other absorbant 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.

### 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.

## ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

## PHYSICAL HAZARD STATEMENT

Keep away from heat, sparks, or flame. Do not smoke while applying this product.

## 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 24 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
- Protective Eyewear
- Waterproof gloves
- Shoes plus socks

## STORAGE AND DISPOSAL

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

To be used as a dust without dilution in conventional ground or air equipment. The best hours for dusting are usually between 5:00 p.m. and 9:00 a.m. and when the wind velocity is less than 5 miles per hour. For disease control begin applications before diseases occur or appear and repeat at 7 to 10 day intervals as needed. To assure good control of mites, dust lower leaf surfaces.

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 does not damage crops in that locality. Sulfur may burn foliage when the temperature is high (90° or above). Do not use sulfur on Eastern American Type Grapes, Spinach, Apricots or other sulfur susceptible plants. Do not make applications within two

weeks before or after an oil spray. For light to moderate infestations use lower amount recommended. For moderate to heavy infestations use higher of recommended amounts.

When growing crops for processing, consult the processor before applying sulphur.

**DIRECTIONS**

**ALFALFA (Seed):** Spider Mites - 20 to 25 lbs. per acre. Do not apply during blooming period in desert areas.

**ALMONDS, CURRANTS, FIGS, HOPS, PLUMS, PRUNES, WALNUTS:** Almond Mite, European Red Mite, Common Red Spiders and Pacific Mite - 50 lbs. per acre. Dust when Spiders begin to multiply in large numbers. Since the effectiveness of sulfur for these Red Spiders varies in different localities, State Agricultural Experiment Stations should be consulted as to the effectiveness before application.

**ASPARAGUS:** Rust - 15 to 20 lbs. per acre. Dust after cutting stops. Irrigate, cultivate, then apply the sulfur. Repeat if disease is severe.

**BEANS, PEAS:** Common Red Spiders and Pacific Mite - 15 to 20 lbs. per acre. Dust when Spiders begin to multiply in large numbers. Since the effectiveness of sulfur for these Red Spiders varies in different localities, State Agricultural Experiment Stations should be consulted as to the effectiveness before application.

**BEANS, CURRANTS, DAHILAS, PEAS, PEACHES, ROSES, STRAWBERRIES:** Powdery Mildew - 15 to 20 lbs. per acre on beans, dahilas, peas and strawberries, 30 to 40 lbs. per acre on Roses, 50 lbs. per acre on currants and peaches. Dust when disease appears and re-treat as necessary. Check for plant safety before treating commercially.

**CHERRIES:** Leaf Spot and/or Brown Rot - 40 to 45 lbs. per acre. Make first application at Pink Bud Stage, repeat at petal fall and shuck fall stages. Repeat as necessary through growing season.

**CITRUS:** Citrus Red Spider, Two Spotted Mite, Thrips - 80 to 100 lbs. per acre. Dust when infestation threatens.

**COTTON:** Atlantic Mite, Pacific Mite, Two Spotted Mite - 25 to 35 lbs. per acre. Dust when infestation threatens.

**GRAPES:** Powdery Mildew - 7 to 15 lbs. per acre. Dust first when shoots are 6 inches long. Follow a dusting program of applications each 7 to 10 days.

**MELONS:** Powdery Mildew - 10 to 20 lbs. per acre. May be controlled by dusting, but the sulfur often injures the vines, particularly if the temperature reaches 95°F. Treat when disease first appears and re-treat as necessary. Do not use on sulfur sensitive varieties.

**PEACHES, PLUMS, PRUNES:** Brown Rot - 50 lbs. per acre. Put on a preventative dusting when the fruit starts to ripen. This often reduces the severity of the disease. Rust - Apply 50 lbs. per acre during summer when disease appears. Repeat after 2 weeks if necessary.

**SUGAR BEETS:** Spider Mites - 30 to 40 lbs. per acre. Apply when infestation threatens.

**TOMATOES:** Russet Mite, Two Spotted Spider Mite - 20 to 50 lbs. per acre. Because of sulfur, first obtain permission from your canner or processor before using it on tomatoes intended for sale to such canner or processor.

**CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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