

(Stauffer Shield)

SIGNAL™ DUSTING SULFUR

An Agricultural Insecticide and Fungicide.

476-199

ACTIVE INGREDIENT:

Sulfur . . . . . 98%

INERT INGREDIENTS:

. . . . . 2%  
100%

SIGNAL™ is a Trademark of Stauffer Chemical Company

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

If an adverse reaction occurs after exposure, promptly initiate the recommended procedures below. Seek medical attention if further treatment is required or call collect, day or night, (203) 222-6602 Stauffer Chemical Company, or (800) 424-9300 Pesticide Team Safety Network.

If a large amount of this material is ingested, give several glasses of water. Induce vomiting by gagging the victim with a finger placed on the back of the victim's tongue. Give fluids until vomitus is clear. If victim is unconscious, do not induce vomiting or give anything by mouth.

If inhaled, remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.

In case of contact, flush eyes and skin with plenty of water for several minutes. Get medical attention if eye or skin irritation occurs.

SEE REVERSE SIDE OF BAG FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 476-199  
EPA Est. 476-CA-5

----- Lbs. Net Wt. ----- kg  
RS-830218

Made In U.S.A. By  
STAUFFER CHEMICAL COMPANY  
WESTPORT, CT 06881-0850

SIGNAL™ DUSTING SULFUR

2.

(BACK PANEL)

SIGNAL™ DUSTING SULFUR

An Agricultural Insecticide and Fungicide.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

- Do not take internally.
- Avoid contact with skin, eyes, and clothing.
- Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

- Do not apply when weather conditions favor drift from treated areas.
- Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL HAZARDS

BURNING SULFUR EMITS HIGHLY TOXIC FUMES. SULFUR DUST SUSPENDED IN AIR IGNITES EASILY.

Keep away from heat, sparks and flame. Avoid creating dust in handling. Keep container closed. Use with adequate ventilation. Keep from contact with oxidizing materials.

In Case of Fire: Use water spray, fog, CO<sub>2</sub> or sand. Wear NIOSH approved self-contained breathing apparatus.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

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.

SPILL OR LEAK: Sweep up spillage. Place in appropriate chemical waste container. Flush spill area with water. Observe all local, state and Federal laws and regulations regarding disposal, spill, cleanup removal and discharge.

#### PRODUCT INFORMATION

Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. Do not use on apricots, Anjou and comice pears, cranberries, cucurbits (cucumbers, squash and some varieties of melons), filberts, spinach, tung trees, walnuts and other sensitive plants.

Except on cotton, do not apply when shade temperatures exceed or are likely to exceed 90°F.

Sulfur may burn foliage and fruit during periods of high temperatures and under certain climatic conditions.

Do not use sulfur within 30 days of an oil spray (60 days on citrus).

If the crop to be treated will be used for canning or freezing purposes, consult food processor before applying sulfur.

Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information, as the timing and number of applications needed will vary with local conditions.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Apply the specified amounts of this product uniformly to the foliage when air is calm, using ground power equipment or aircraft. Except as otherwise shown, apply at the first sign of infection and repeat at 7-10 day intervals as needed to maintain control.

Use the higher dosage during periods of frequent and heavy rainfall. Spray often enough to keep susceptible growth covered. This may require weekly or bi-weekly applications during periods of rapid growth and frequent rainfall.

#### RECOMMENDATIONS

##### Fruits Crops

Apples: Scab, powdery mildew - apply 30-35 lbs. per acre in the green tip to pink bud stage. MacIntosh, Golden Delicious, Jonathan and certain other varieties may be injured by sulfur. Use on sulfur-tolerant varieties only.

Cherries: Blossom blight brown rot, powdery mildew - apply 50 lbs. per acre in the popcorn, full bloom and petal fall stages. Leaf spot, powdery mildew - apply 50 lbs. per acre at petal fall, shuck-fall and 2 weeks after shuck-fall.

Citrus: Six-spotted and citrus rust mites - apply 80 lbs. per acre. Citrus flat and Yuma spider mites - apply 100 lbs. per acre. Citrus thrips - apply 100 lbs. per acre in three applications: mid-March, petal-fall, and 2-4 weeks later. Avoid applications during or preceding high temperatures. Do not apply within 2 months of an oil spray.

Grapes: Rust, powdery mildew - apply 5-10 lbs. per acre in successive applications: when shoots are 6" long, shoots 12-15" long, 14 days afterwards, and 10-14 days thereafter to harvest. Caution: Concord and Labrusca type grapes may be injured by sulfur.

Plums, Prunes: Brown rot, leaf spot, prune rust - apply 35-50 lbs. per acre. For brown rot of fruit, dust when fruit begins to ripen. For leaf spot and rust, begin at pink stage, repeat at bloom, petal fall, shuck fall and in cover period apply as necessary.

Strawberries: Powdery mildew - apply 10-20 lbs. per acre.

#### Vegetable & Field Crops

Alfalfa: Spider mites - apply 15-25 lbs. per acre. Caution: sulfur may cause petal burn to open flowers.

Beans: Powdery mildew, rust, spider mites - apply 15-30 lbs. per acre. For rust control start applications as soon as the first true leaves form and continue at weekly intervals until blossom time. Caution: may cause injury to some varieties of beans.

Carrots: Petrobia mite - apply 30-35 lbs. per acre.

Clover: Powdery mildew, spider mites - apply 15-25 lbs. per acre.

Cotton: Atlantic mite, cotton rust - apply 25-30 lbs. per acre.

Grass Seed Crops: Timothy mite - apply 30 lbs. per acre.

Melons: (Honeydew and sulfur-resistant melons only) - Powdery mildew, spider mites - apply 20-25 lbs. per acre.

Onions: Petrobia mite - apply 20-30 lbs. per acre during warm weather.

Peas: Powdery mildew - apply 15-20 lbs. per acre.

Sugar Beets: Spider mite - apply 30-35 lbs. per acre.

Tomatoes: Tomato russet mite - apply 15-40 lbs. per acre.

Turnips and Rutabagas: Powdery mildew - apply 15-20 lbs. per acre.

Ornamentals:

Make full coverage application on both sides of leaves. Keep new growth protected.

Chrysanthemum: Powdery mildew, rust. Do not apply when flowering.

Hollyhock: Rust.

Roses, Perennials, Shrubs: Black spot, powdery mildew, rust.  
Caution: some burning may occur when used during warm weather.

NOTICE - READ CAREFULLY

CONDITIONS OF SALE

Stauffer (and seller) offer(s) this product for sale subject to, and buyer and all users are deemed to have accepted, the following conditions of sale and warranty which may only be varied by written agreement of a duly authorized representative of Stauffer.

WARRANTY LIMITATION

Stauffer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the label subject to the inherent risks referred to below. Stauffer makes no other express warranties; THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label hereof.

INHERENT RISKS

The directions for use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to label instructions or resulting from extraordinary weather conditions.

LIMITATION OF LIABILITY

In no case shall Stauffer be liable for special, indirect, or consequential damages resulting from the use or handling of this product and no claim of any kind shall be greater than the purchase price of the product in respect of which such damages are claimed.