NOTICE OF PESTICIDE:



U\_S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460

\_ Registration X Reregistration EPA Reg.

Date of Issuance:

Number:

MAY

1 1997

45002-12 Term of Issuance:

Unconditional

Name of Pesticide Product:

Wettable Sulfur

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Alice Walker, Ph.D. Regulatory Consulting 785 Country Club Drive Senatobia, MS 38668

Note: Changes in labeling differing in substance from that advented in connection with this registration must be submitted to and accepted by the Registration Division pries to use of the label to compares. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Signature of Approving Official:

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Date:

1 1997 MAY

EPA Form 8570-6

Under the Federal Insecticide. Fungicide, and Rodenticide Act. as amended, for the posticide

registered under

## **CUPROQUIM**

# WETTABLE SULFUR

**ACTIVE INGREDIENT:** INERT INGREDIENTS: 3.0% TOTAL...... 100.0%

\*CAS No. 7704-34-9

### KEEP OUT OF REACH OF CHILDREN

## **CAUTION**

#### STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Immediately flush with plenty of water for at least 15 minutes. Call a physician.

If Inhaled Overcome by Vapor or Dust: Remove immediately from exposure and call a physician. Administer artificial respiration if breathing is irregular or has stopped.

If Large Quantities are Swallowed: Give water and induce vomiting. Get medical attention.

For Skin Contact: Flush with water; use soap if available.

See side panel for additional Precautionary Statements.

Manufactured for: **CUPROQUIM CORPORATION** P. O. Box 171357 Memphis, TN 38187

EPA Reg. No. 45002-12 EPA Est. No. 45002-MX-2

NET CONTENTS:\_\_\_ KG \_\_\_ LB

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### PRECAUTIONARY STATEMENTS

#### **CAUTION**

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid breathing dust or spray mist. Avoid contact with skin, eyes or clothing.

## PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

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 RECOMMENTATIONS

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 waste. Do not apply when weather conditions favor drift from treated areas.

#### PHYSICAL HAZARDS

Sulfur dust suspended in air ignites easily. 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

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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, waterproof gloves, shoes plus socks, and protective eyewear.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal of this product. Wastes resulting from the use of this product may be disposed of or site or at an approved waste disposal facility.

STORAGE: Store in a cool, dry, well ventilated area.

**DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sarutary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Sulfur may cause severe fruit and foliage injury to certain crops. Sulfur sensitive plants include anjou and comice pears, apricots, cranberries, certain varieties of cucurbits, filberts, spinach, tung walnuts, and certain ornamentals. Apples, pears and strawberries are susceptible to foliage burn with sulfur under certain climatic conditions. Sulfur may burn foliage when temperature is high. Do not apply if temperatures during or within 3 days after application are expected to exceed 90° F in the area to be treated. Do not use within 2 weeks of an oil spray treatment on citrus within 3-6 weeks. When growing crops for processing, consult the processor before applying sulfur. When the disease pressure or mite pressure is low, use the lower rates.

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

### FRUIT AND NUT CROPS

Apply recommended rate per 100 gallons of water. For aircraft or concentrate ground application, use an equivalent per acre rate in at least 15 gallons of water per acre.

ALMONDS: Brown rot, Blossom and Twig blight, Scab, Shot hole - Apply 2-6 lbs per 100 gallons. Begin when disease threatens or in pre-bloom stage. Repeat at petal fall or as necessary in cover period.

APPLES: Apple cedar rust, Black rot, Brown rot, Frog-eye leaf spot, Powdery mildew, Quince rust, Scab, Sooty blotch - Apply 3-7 lbs per 100 gallons from pre-pink through cover. CAUTION: Sulfur may cause injury on Macintosh, Golden Delicious and Jonathans.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: Powdery mildew - Apply 6-8 lbs per 100 gallons. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals or as necessary.

BLUEBERRIES, HUCKLEBERRIES, CURRANTS, GOOSEBERRIES: Powdery mildew - Apply 4-8 lbs per 100 gallons. Begin when disease is expected to appear. Repeat at 7-10 day intervals or as necessary.

CHERRIES: Brown rot, Blossom and Twig blight, Leaf spot, Powdery mildew, Rust, Scab, Stem blight - Apply 4-10 lbs per 100 gallons. Begin at pink stage. Repeat at bloom, petal fall and in cover stages at 7-14 day intervals and as a post harvest foliar treatment for leaf spot.

CITRUS: Brown rot, Six-spotted mite, Citrus mite, Citrus flat mite, Yuma spider mite - Apply 5-8 lbs per 100 gallons. Apply according to state recommendations.

GRAPES: Powdery mildew, Rust (Physopella) - Apply 2-6 lbs per 100 gallons. Begin when new shoots are 6 inches long. Repeat before blossoms open and continue as necessary. PRECAUTION: Concord and other Labrusca type grapes may be injured by sulfur.

MANGOES: Powdery mildew - Apply 5 lbs per 100 gallons. Begin before bloom. Repeat in bloom, after fruit set and 3 weeks later or as necessary.

NECTARINES, PEACHES: Brown rot, Blossom and Twig blight, Leaf spot, Powdery mildew, Peach silver mite, Peach canker, Rust, Scab, Shot hole - Apply 3 1/2 - 10 lbs per 100 gallons. Apply at pink, bloom, petal fall, shuck split and at 10-14 day intervals or as necessary. For Brown rot of fruit, apply when fruit starts to ripen.

PEARS: Brown rot, Leaf spot, Powdery mildew, Rust, Scab - Apply 3-8 lbs per 100 gallons. Apply at pre-bloom, bloom, petal fall and cover periods. Blister, Bud mite - Apply 4-6 lbs plus 1 1/2 gallons of lime sulfur per 100 gallons. Apply immediately after fruit is off. PRECAUTION: May cause injury to Anjou and Comice pears.

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PLUMS, PRUNES: Brown rot, Blossom and Twig blight, Leaf spot, Powdery mildew, Rust, Scab, Shot hole - Apply 4-10 lbs per 100 gallons. Begin at late dormant stage for shot hole; at pink stage for other diseases. Repeat at bloom, petal fall, shuck fall, and in cover periods or as necessary.

STRAWBERRIES: Powdery mildew - Apply 2-5 lbs per 100 gallons. Begin at first sign of disease and repeat as necessary. PRECAUTION: May injure strawberries under certain climatic conditions.

#### **VEGETABLE & FIELD CROPS**

Apply recommended rate in 20 to 60 gallons of water by ground rig. For aircraft or concentrate applicator, apply in 5 to 20 gallons per acre.

BEANS: Leaf spot, Powdery mildew, Rust - Apply 4-8 lbs per acre. Begin when first true leaves form or at first sign of disease. Repeat at 7-10 day intervals. PRECAUTION: May injure certain varieties of beans.

GARLIC, ONIONS: Petrobia mite - Apply 4-20 lbs per acre. Begin before disease appears.

PEAS: Powdery Mildew, Rust - Apply 4-8 lbs per acre. Begin early in season before disease appears. Repeat at 7-10 day intervals.

**POTATOES:** Powdery mildew - Apply 4-8 lbs per acre. Apply before disease appears. Repeat at 3 week intervals.

SUGAR BEETS: Rust - Apply 8-15 lbs per acre. Apply at first sign of disease. Repeat at 7-10 day intervals.

**TOMATOES:** Tomato russet mite - Apply 10-40 lbs per acre.

#### ORNAMENTAL CROPS

Apply 5-6 lbs per 100 gallons of water. Cover plants thoroughly. Begin when disease appears and repeat at 5-10 day intervals and after rain.

ASTER, CARNATIONS: For control of Powdery mildew and Rust.

CALENDULAS, CEDARS, CHERRY LAURELS, CHRYSANTHEMUMS, HOLLYHOCKS, JUNIPER, SMILAX, SPRUCE: For the control of Leaf spots and Powdery Mildew.

CLEMATIS, COLUMBINE, IVY (ENGLISH), LAUREL, PETUNIA, SAGE: For control of Leaf spot.

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COSMOS, CREPE MYRTLE, DAHLIA, DELPHINIUM, DOGWOOD, EUONYMOUS, GLADIOLUS, GOLDEN FLEECE, HIBISCUS, HOLLY, LADY'S MANTLE, LIGUSTRUM, LILAC, POPLARS, SILVER VINE, SPIREA, SUNFLOWER, SWEETPEA, VERBENAS, VIOLETS, WILLOWS, ZINNIAS: For control of Powdery mildew.

NOTE: Seller warrants that the product conforms to is chemical description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to the seller: the buyer assumes the risk of any such use.