

pm21

45002-10

Littoning file  
1 of 10



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

NOV 29 1993  
1993

Alice Walker, Ph.D.  
Agent for: CUPROQUIM CORP.  
47 Country Club Dr  
Senatobia, MS 38668

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/20/93 in Response to PR Notice 93-7  
EPA Reg. No. 45002-10  
SUPER-SUL MICRONIZED WETTABLE SULFUR

**IMPORTANT NOTICE:** This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**SERIOUS ERROR(S) ON SUBMITTED LABELING:**

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**

**BEST AVAILABLE COPY**



Recycled/Recyclable  
Printed with Soy/Canola Ink  
contains at least 50% recycled fiber

2 of 10

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director  
Compliance Division, (7203)  
Worker Protection Notification  
Office of Compliance Monitoring  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

**BEST AVAILABLE COPY**

3 of 10

**IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.**

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling as amended

**AND**

- **WITHIN** one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

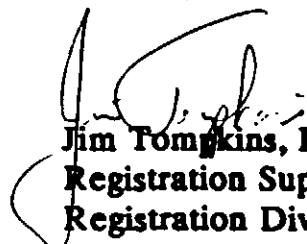
4/2/10

Page 4

Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

  
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

5810

CUPROQUIM CORPORATION

# SUPER - SUL

MICRONIZED WETTABLE SULFUR  
WDG (WATER DISPERSIBLE GRANULE)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 29 1996 1993

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

45002-10

ACTIVE INGREDIENT:	BY WT.
Sulfur* .....	80.0%
INERT INGREDIENTS: .....	20.0%
TOTAL	100.0%

\*CAS No. 7704-34-9

KEEP OUT OF REACH OF CHILDREN

## CAUTION

HARMFUL IF SWALLOWED. DO NOT SWALLOW OR INHALE.

### STATEMENT OF PRACTICAL TREATMENT (First Aid)

**If Swallowed:** Give 1-2 glasses of water and induce vomiting. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person.

**If Inhaled:** Overcome by vapor or dust: Remove victim to fresh air immediately and call a physician. Administer artificial respiration if breathing is irregular or has stopped.

**If on Skin:** Wash with plenty of soap and water. ~~Remove and wash contaminated clothing before reuse.~~

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

See additional Precautionary Statements on side panel.

Manufactured by:  
CUPROQUIM CORPORATION  
9601 Katy Freeway, Suite 200  
Houston, Texas 77024

EPA Reg. No. 45002-10  
EPA Est. No. 39827-CH-1

NET CONTENTS \_\_\_ LBS

6 of 10  
20

## PRECAUTIONARY STATEMENTS

### CAUTION

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed, inhaled, or absorbed through skin. ~~Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~

#### 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.

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

Remove personal protective equipment 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

This pesticide is toxic to fish and aquatic organisms. 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 rinsate or equipment washwaters.

#### PHYSICAL HAZARDS

Sulfur dust suspended in air ignites easily. Keep away from heat, sparks, or flames. 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.

7/10  
3

### 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). 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. EXCEPTION: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, and shoes plus socks.

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

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal of this product.

**STORAGE:** Store in a cool, dry area.

**PRODUCT 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 into application equipment; then dispose of empty bag in a sanitary 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 D'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.

Measure needed amount into bucket, stir to make thin slurry. Add to tank when part full and before other materials are added. Add wetting agents last to avoid foaming.

### RE-ENTRY STATEMENT

~~Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter into treated area until at least 24 hours after the completion of application to the area unless wearing the protective clothing listed below. During early re-entry into treated areas (less than 24 hours after the completion of application) to perform hand labor tasks, wear long pants (or coveralls), long sleeved shirt, shoes, socks, chemical/water resistant gloves, goggles or face shield.~~

~~Pesticide Handlers: During mixing, loading and application of this product, wear long pants (or coveralls), long sleeved shirt, shoes, socks, chemical/water resistant gloves, and goggles or face shield.~~

~~Certain states may require more restrictive re-entry intervals for various crops treated with this product. Consult your State Department of Agriculture for further information.~~

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written and oral warnings must include the following information. CAUTION: Area treated with Sulfur on (date of application). Do not enter treated areas without appropriate protective clothing for 24 hours following application. Required Protective Clothing: Long pants (or coveralls), long sleeved shirt, shoes, socks, chemical/water resistant gloves, goggles or face shield.~~

### DIRECTIONS FOR DILUTION

**DILUTE APPLICATION:** Ground application: Apply specified rate in 20-60 gallons of water per acre. Orchard application: Apply specified rates in 100-800 gallons of water per acre.

**CONCENTRATE APPLICATION:** Ground application: Apply specified rate in not less than 5 gallons of water per acre. Orchard application: Apply specified rate in 20-100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AERIAL APPLICATION:** Apply specified rate in 5-20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

**USE HIGH DOSAGE RATES WHEN DISEASE PRESSURE IS SEVERE.**

### CROP USE DIRECTIONS

**ALMONDS:** Brown Rot Blossom and Twig Blight, Leaf Spot, Red Spider Mites. Apply 10 to 30 lbs per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10 to 14 days or after a period of wet weather.

**APPLES, PEARS:** Powdery Mildew, Scab, Blister Mites, Red Spider Mites. Apply 10-30 lbs per acre. Do not apply to D'Anjou pears. Apply pre-bloom and petal fall. Apply with cover sprays throughout the season. Apply with spray oil during the dormant and delayed dormant periods of bud development using 10-20 lbs per acre. Do not apply to sensitive varieties of pears except at these stages.



9/10  
5

**ASPARAGUS:** Rust. Apply 10-30 lbs per acre. Use after cutting stops. Irrigate and cultivate before applying. Repeat at 7-10 day intervals through the fern growth season.

**AVOCADOS:** Brown Mite. Apply 10-30 lbs per acre when mites are first noticed.

**BEANS, PEAS, PEPPERS, POTATOES:** Powdery Mildew, Red Spider Mites. Apply 3 to 5 lbs per acre. Start in early leaf stage. Repeat application every 10-14 days, with or without pesticides, immediately after a rain.

**BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE:** Powdery Mildew, Septoria Leaf Spot, Red Spider Mites. Apply 3-5 lbs per acre. Start in early leaf stage. Repeat applications every 10-14 days, with or without pesticides, immediately after a rain.

**BLACKBERRY (Rubis Spp.):** Powdery Mildew. Apply 6-15 lbs per acre. Begin when new shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals or as necessary.

**CARROTS, GARLIC, ONIONS:** Petrobia Mite, Powdery Mildew. Apply 3-10 lbs per acre when disease first appears and repeat as needed.

**CHERRIES:** Brown Rot Blossom and Twig Blight, Powdery Mildew, Leaf Spot, Silver Mites, Flat Mites, Red Spider Mites. Apply 10 to 30 lbs per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days or after a period of wet weather.

**CITRUS:** Flat Mites, Silver Mites, Red Spider Mites. Apply 8-20 lbs per acre. Apply in any spray - NOT CONTAINING OIL - or following oil by 21 days.

**COTTON, SEED ALFALFA:** Red Spider Mites. Apply 3 to 5 lbs per acre.

**CUCURBITS:** Powdery Mildew. Apply 4-6 lbs per acre when the disease first appears and repeat as necessary. Application intervals throughout the growing season 10-14 days.

**GRAPES:** Powdery Mildew, Bug Mites, Blister Mites, Red Spider Mites. Apply 2 to 10 lbs per acre. Apply in late dormant or with cutworm spray, early shoot period and through season on a 14 day schedule or with pesticides.

**HOPS:** To aid in the supression of Red Spider Mites, use 2-6 lbs per acre by air or ground. Do not apply in less than 10 gallons of water per acre. Mix 2-6 lbs per 100 gallons of water.

**MELONS:** Powdery Mildew. Apply 20-25 lbs per acre. Treat when the disease first appears and repeat as necessary. Sulfur can injure plants, especially when t'.e temperature reaches 95°F. Do not use on sulfur sensitive varieties.

**PEACHES AND NECTARINES:** Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites. Apply 10-30 lbs per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

**PEANUTS:** Powdery Mildew, Red Spider Mites, Leaf Spot. Apply 3 to 5 lbs per acre. Start in early leaf stage. Repeat application as necessary, usually 10-20 days.

**PEPPERMINT, SPEARMINT:** Powdery Mildew. Apply 4-6 lbs per acre when mint is 5-6" tall or when disease appears. Repeat twice at 30 day intervals. Do not apply within 30 days of harvest.

**PLUMS AND PRUNES:** Brown Rot Blossom and Twig Blight, Powdery Mildew, Silver Mites, Red Spider Mites. Apply 10 to 30 lbs per acre. Apply at bloom or early petal fall. Repeat as necessary, usually 10-14 days, or after a period of wet weather.

**RASPBERRY (Rubis Spp.):** Powdery Mildew, (*Sphaerotheca Humuli*). Apply 6-15 lbs per acre. Spray each week starting at first bloom color. Continue until fruit is set; then repeat as weather requires.

**STRAWBERRIES:** Powdery Mildew, Red Spider Mites. Apply 5-10 lbs per acre. Start in early leaf stages. Repeat application with or without pesticides. For Powdery Mildew, begin at first signs of disease and repeat as necessary.

**SUGAR BEETS:** Red Spider Mites (Spp.), Powdery Mildew. Apply 10-20 lbs per acre. Apply at first indication of problem with or without other pesticides. Repeat as necessary.

**TOMATOES:** Russet Mites. Apply 10-20 lbs per acre. Thorough coverage is required.

**WALNUTS:** European Red Mites, Pacific Mites, Almond Mites, Two-spotted Mites, Red Spider Mites. Apply 10-20 lbs per acre. Apply with mite sprays during season to increase the effectiveness of miticides. **CAUTION:** Certain varieties of walnuts are sensitive to sulfur sprays under certain conditions. Do not apply unless the varieties are known to be tolerant to sulfur in your area.

SUPER-SUL applications will provide sulfur for the plant's nutrient requirements and should be considered in the total plant nutrient applications. SUPER-SUL can be used as a micronutrient supplement by either foliar or soil application. SUPER-SUL is recommended on the following crops: alfalfa, almonds, avocados, apples, barley, all beans, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, grapes, lawns, lettuce, melons, milo, nectarines, rice, pears, peaches, soybeans, sugar beets, sweet corn, strawberries, tomatoes, turnips, walnuts, watermelons, wheat and most other crops. Consult your State Agricultural Experiment Station or Extension Specialist for advice in selecting treatments to best fit local conditions.

**NOTE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes 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 seller; the buyer assumes the risk of any such use.