

Reg # 769 - 707

PM 22

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Jacket

OCT 3 1994

Stacy Schmidt
SureCo
P.O. Box 938
Fort Valley, GA 31030

Dear Ms. Schmidt:

Subject: Worker Protection Standard Labeling
SMCP 53% Neutral Copper
EPA Registration No. 769-709
Your Submission Dated September 12, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. In the Precautionary Statements, reinstate the following:

Harmful if swallowed.

b. Above "Applicators and other handlers must wear:", add the heading:

PERSONAL PROTECTIVE EQUIPMENT (PPE)

c. Add the statement "Do not apply this product through irrigation equipment". Otherwise, you must add the chemigation instructions specified by PR Notice 87-1.

d. Move the section on page 3 starting with grasses and the associated headings to the Directions For Use on Ornamentals section.

e. Page four is out of sequence. Move the directions on page 4 to the appropriate portion of the Directions for Use on Ornamentals section.

f. Move the Storage and Disposal Section to either the beginning or to the end of the Directions For Use section.

g. In the Storage and Disposal section, add the Storage Instructions required by PR Notice 83-3.

h. Above "Pesticide wastes are toxic", add the heading:

PESTICIDE DISPOSAL

i. In the pesticide disposal section, add:

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

j. Change the heading "Pesticide Disposal" to read:

CONTAINER DISPOSAL

k. Delete "CAUTION" wherever it appears on the label. Only one Signal Word WARNING is allowed on pesticide labeling.

l. Delete the ENDANGERED SPECIES RESTRICTIONS section. The PR Notices that required this have been rescinded.

m. Move the ENVIRONMENTAL HAZARDS section to the PRECAUTIONARY STATEMENTS section.

n. Update the ENVIRONMENTAL HAZARDS section to include the following:

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 by disposal of equipment washwaters.

Refer to PR Notices 93-3 and 93-8.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



(s) Cynthia Giles-Parker
Product Manager (22)
Fungicide Herbicide Branch
Registration Division (7505C)

Enclosure

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cc: Jim Tompkins
Registration Support Branch
Registration Division (7505W)

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SMCP 53% NEUTRAL COPPER

SMCP 53% Neutral is a micronized neutral copper and is used as a spray for Fungus and Bacterial diseases of vegetables, fruit trees, shrubs and ornamentals.

ACTIVE INGREDIENT:

Copper (as derived from Tribasic Copper Sulfate)	53%
INERT INGREDIENTS:	47%
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

Si usted no entienda 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

May cause skin sensitization in certain individuals. ^{Harmful if swallowed} Causes temporary eye injury. Do not get in eyes or on clothing.

^{Personal Protective Equipment (PPE)}
Applicators and Other Handlers Must Wear: Coveralls over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure, chemical-resistant apron when cleaning equipment, mixing, or loading, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products 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.

User Safety Recommendations:

- 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.

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STATEMENT OF PRACTICAL TREATMENT

IF IN EYES - Flush eyes with water for at least 15 minutes, holding eyes apart. Seek medical attention if irritation persists.

IF SWALLOWED - Drink 1 to 2 glasses of water or milk and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

DIRECTIONS FOR USE

It is a violation of Federal law to use this label 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). 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 over short-sleeved shirt and short pants, waterproof gloves, chemical-resistant footwear plus socks, protective eyewear, chemical-resistant headgear for overhead exposure.

Fill the spray tank approximately 1/3 full and with the agitator running add the required amount of SMCP 53% Neutral Copper. Add water to fill the spray tank 3/4 full and when a spreader is recommended add 1/2 to 1-1/2 gallons of an oil type spreader according to the manufacturer's recommendations. Fill the spray tank, and keep the agitator running until spraying has been completed.

Do not apply with water

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RECOMMENDATIONS

All dosages given are in pounds of SMCP 53% Neutral Copper per 100 gallons of water. These recommendations are for sprays to be applied by conventional spray equipment. For concentrated sprayers, consult the manufacturer's recommendations.

AVOCADOS - Anthracnose, blotch (Cercospora), scab: Use 3 lbs. Begin when blossom buds open. Repeat at 4 week intervals for a total of 5 applications. Do not apply later than 140 days after bloom. (Limit: 40 lbs. per acre).

CITRUS (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos) - Brown rot, septoria leaf and fruit spot: 1/2 to 1-1/2 lbs. plus 3.0 lbs. zinc sulfate and 4 lbs. hydrated lime. Apply at first indication of fall rains, or at first appearance of disease. Greasy spot, melanose, scab: 3/4 lbs. to 1-1/2 lbs. Apply in dormant season before spring growth appears. Repeat when 2/3 of petals have fallen or 1 to 3 weeks after petals fall. For melanose and scab, repeat 4 weeks later.

PEARS - Fire blight: Use 1/2 lb. Apply 400 gallons per acre to give 1 lb. metallic copper per acre. Apply at 10% bloom and continue every 5 to 7 days throughout bloom. Repeat especially after showers or rain. Use only where State Disease Control officials recommend such use on specific varieties.

GRAPES - Back rot, Downy mildew: Use 2 lbs. Apply when first leaves appear, before blossoms open, after petal fall and after at two week intervals until within two weeks of harvest.

None under present conditions

PLANT	DISEASE CONTROLLED	RATE PER 100 GALS. WATER / ACRE	DIRECTIONS FOR USE
Grasses, lawn (Florida)	Grey leaf	2 lbs.	Apply in 100 gals. of water per acre.
Iris	Leaf blight Leaf spots	2 lbs./100 gals.	
Hollyhocks	Downy mildew Leaf spots		
Lilac	Bacterial blight		
Nasturtiums	Anthracnose Leaf spot		
Oaks	Leaf blister (Taphrina)		Apply 2 or 2 times in early spring before growth begins.

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Out of sequence

PLANT	DISEASE CONTROLLED	RATE PER 100 GALS. WATER / ACRE	DIRECTIONS FOR USE
Ivies, Violets, Virginia creeper	Downy mildew		
Palm	False smut		Spray to wet all foilage & above ground parts. Begin at 1st sign of disease & repeat as needed.
Peonies	Botrytis blight leaf spots		
Pines	Brown spot needle blight		
Roses	Anthracnose, black spot, downy & powdery mildew, leaf spots, stem canker		
Snap- dragons	Anthracnose, leaf blights, leaf spots		
Sweet Peas	Downy mildew, leaf spots, leaf blight		
Zinnias	Botrytis blight leaf spots powdery mildew		

DIRECTIONS FOR USE ON ORNAMENTALS

Unless otherwise specified, the following directions apply: Apply 4 lbs. of SMCP 53 NEUTRAL COPPER in 100 gallons of water per acre. Begin before diseases appear. Repeat at 7 to 10 day intervals and after rains.

<u>PLANT</u>	<u>DISEASE CONTROLLED</u>	<u>RATE PER 100 GALS. WATER / ACRE</u>	<u>DIRECTIONS FOR USE</u>
Arbor Vitae, Asters	Blight, leaf spot	3 to 5-1/2 lbs.	Apply to Arbor Vitae early Fall and repeat in late Fall.
Azaleas, Begonias, Rhododendrons	Leaf blight, Leaf scorch, Leaf Spot		
Boxwood	Wilt		
Carnations Lillies Tulips	Botrytis blight		
Chrysanthemums	Botrytis blight Downy mildew, Leaf spots		
Dahlias	Botrytis blight Leaf spots		
Dogwood	Anthraco nose		Begin just before bloom. Repeat 2 or 3 times at 10 day intervals.
Flowering Shrubs	Leaf spot		
Gardenias, Hawthorn, Maples, Marigolds, Phlox, Stocks	Leaf spot		
Geraniums	Botrytis blight Downy mildew		
Gladiolus	Botrytis blight Leaf spots Downy mildew		

CARROTS - Leaf spot: Use 2 to 4 lbs. plus 2 lbs. hydrated lime per 100 gallons.

CANTALOUPE, CUCUMBERS, MELONS, SQUASH - Angular leaf spot, anthracnose, downy mildew: Use 2 lbs. Apply when plants emerge or begin to vine, before diseases appear.

CELERY - Early and late blight: Use 3 to 4 lbs.

EGGPLANTS - Alternaria blight, anthracnose, phomopsis: Use 3 lbs.

PEPPERS - Anthracnose, bacterial spot, cercospora leaf spot (Frogeye): Use 3 lbs. Begin before diseases appear in plant beds.

PEANUTS - Cercospora leaf spot: Use 2 lbs. Repeat at 14 day intervals.

POTATOES - Early and late blight: Use 4 lbs.

) SPINACH - Downy mildew, white rust: Use 3 lbs.

TOMATOES - Anthracnose, early and late blight, leaf mold, septoria leaf spot: Use 2 lbs. for bacterial canker, Southern states only, use 2 lbs. Begin applications in plant bed or field before disease appears.

TOBACCO - Wildfire: Use 1 lb. in 10 gallons of water to 100 sq. ft. of plant bed. Begin after seed is sown or when plants emerge. Repeat at 5 to 10 days intervals until transplanted.

Do not combine with water, fog, or heat by other methods
STORAGE AND DISPOSAL

See label instructions
 Pesticide wastes are toxic. 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 at the nearest EPA Regional Office for guidance. *See label*

Container
 Pesticide 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.

ALMONDS - Brown rot, shot hole: Use 4 to 5 lbs. plus 1 to 1-1/2 gallons spreader. As a dormant spray for control of Shot Hole apply Dec. 15 to Jan. 15. Bud sprays for the control of brown rot and shot hole should be applied through swelling bud stage to popcorn stage. Do not spray after 50% bloom or when trees are in leaf.

APRICOTS - Brown rot, blossom blight: Use 5 lbs. plus 1 to 1-1/2 gals. of spreader. As a dormant spray for the control of shot hole disease apply Dec. 15 to Jan. 15. Bud sprays for the control of brown rot and shot hole should be applied through swelling bud stage to popcorn stage. Do not spray when trees are in leaf.

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SOUR CHERRIES - Brown rot, blossom blight: Use 5 lbs. plus 1 to 1-1/2 gallons spreader. Apply in popcorn to full bloom stage.

PAPAYAS - Anthracnose: Use 1-1/2 lbs. Begin before disease is expected to appear. Repeat at 10 to 14 day intervals or at 5 to 7 day intervals during periods of heavy rain.

PEACHES & NECTARINES - Brown rot, peach blight (shot hole), leaf curl: use 4 to 5 lbs. plus 1 to 1-1/2 gal. spreader. As a dormant spray for leaf curl and peach blight (shot hole) apply Nov. 15 to Dec. 15. Bud sprays from bottom rot and peach blight (shot hole) should be applied in the pink bud stage. Do not spray when trees are in leaf.

PLUMS & PRUNES - Brown rot: Use 5 lbs. plus 1 to 1-1/2 gals. spreader. Apply in dormant season. During growing season use same rate for brown rot blossoms blight and apply just before blossoms open, when shucks split and 2 to 3 weeks later.

WALNUTS - Blight: Use 4 to 5 lbs. Give two treatments, the first in late pre-bloom just before the majority of the flowers come into full bloom and the second in the post-bloom period when plumules at the tips of the nutlets are withering. Repeat applications for blight control 3 or 4 times during growing season if necessary.

STRAWBERRIES - Downy mildew, leaf blight, leaf scorch, leaf spot: Use 3 lbs. Begin after leaves form. Repeat at 10 to 14 day intervals.

CAUTION: Over-spraying may cause injury to tender foilage of peaches, almonds, apricots and Japanese plums.

For the following crops begin application when the disease normally appears and repeat at 7 to 10 day intervals unless stated otherwise.

BEANS - Leaf spot, anthracnose, downy mildew: Use 2 lbs. Start when plants are about 5 inches high.

SUGAR BEETS - Cercospora leaf spot: Use 4 lbs

BEETS - Downy mildew: Use 2 to 4 lbs. plus 2 lbs hydrated lime per 100 gals.

BROCCOLI, CABBAGE, CAULIFLOWER - Downy mildew, leaf spot: Use 3 lbs.

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ENDANGERED SPECIES RESTRICTIONS

It is a violation of Federal laws to use any pesticide in a manner that results in the death of an endangered species or adverse modification of their habitat.

The use of this product may pose a hazard to certain Federally designated endangered species known to occur in specific areas within the following counties:

<u>STATE</u>	<u>COUNTY</u>
Species (Bulletin No.)	
CALIFORNIA	
Solano Grass (EPA/ES - 85-13)	Solano
TENNESSEE	
Slackwater Darter (EPA/ES - 85-04)	Lawrence
Freshwater Mussels (EPA/ES - 85-07)	Wayne Hancock Clairborne Hawkins
VIRGINIA	
Freshwater Mussels (EPA-ES - 85-06)	Grayson Smyth Scott Lee Washington

ACCEPTED
with COMMENTS
In EPA Letter Dated:

Under the Federal Insecticide
Fungicide and Rodenticide Act
Title 40, Chapter I, Part 151
Section 151.101

769-709

Before using this product in the above counties you must obtain the EPA bulletin specific to your area. This Bulletin identifies areas within these counties where the use of this pesticide is prohibited, unless specified otherwise. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters, or the appropriate Regional Office of the U.S. Fish and Wildlife Service. THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Drift or runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

CAUTION

KEEP OUT OF REACH OF CHILDREN

EPA REG. NO. 769-709

EPA EST. NO. 769-6A-1

NET CONTENTS:

**MANUFACTURED BY: SURECO, INC.,
FORT VALLEY, GA 31030**

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Handwritten notes:
None to
Bureau
Shelton