



Reg #1 45002-21 PA1-22 file 19 8

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

MAY 18 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

ALICE WALKER, Ph.D.
AGENT FOR: CUPROQUIM CORP.
47 COUNTRY CLUB DR.
SENATOBIA, MS. 38668

Subject: Label Amendment Submission of 7/26/94 in Response to PR Notice 93-7
EPA Reg. No. 45002-21
COP-O-ZINC

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 reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (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 not been reviewed or 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:

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



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

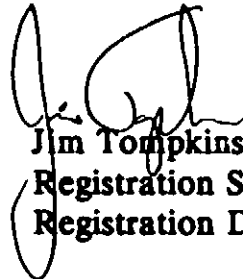
Submit the final printed labeling via the U.S. Postal Service to:

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

Hand or courier deliveries of final printed 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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Alice Walker, Ph.D.
ALICE WALKER
AGENT FOR: CUPROQUIM CORP
47 COUNTRY CLUB DR
SENATOBIA MS 38668

Comment for: EPA Reg Nr.45002-21
COP-O-ZINC

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

Add the following User Safety Recommendation to the label in the location shown in Section A on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7: "Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Add the following User Safety Recommendation to the label in the location shown in Section A on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7: "Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing."

You may delete the respirator statement added to your proposed label. It is not required for your product.

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ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 18 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45002-21

CUPROQUIM CORPORATION

COP-O-ZINC

CONTAINS COPPER PLUS ZINC
FOR THE ALLEVIATION OF ZINC DEFICIENCY

| | |
|--------------------------------------|--------|
| ACTIVE INGREDIENT: | |
| Copper* (expressed as metallic)..... | 25.0% |
| INERT INGREDIENTS:..... | 75.0% |
| TOTAL | 100.0% |

(*Derived from basic copper sulfate)

CAS No. 1344-73-6

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

BEST AVAILABLE COPY

~~PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

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).

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Flush with plenty of water. Call a physician.

If on Skin: Wash with plenty of soap and water. Get medical attention.

If Swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

See side panel for additional
Precautionary Statements.

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

Product of Mexico
EPA Reg. No. 45002-21
EPA Est. No. 45002-MX-2

NET CONTENTS ____ LBS

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PRECAUTIONARY STATEMENTS

WARNING

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes substantial but temporary eye injury. Harmful if absorbed through skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. ~~Protective clothing, including goggles, should be worn. 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, protective eyewear, and 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 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.

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 remove PPE 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. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

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

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

REENTRY STATEMENT

BEST AVAILABLE COPY

~~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 treated areas without protective clothing until sprays have dried. Certain states may require more restrictive reentry 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: WARNING: Area treated with Cop O Zinc on (date of application). Do not enter without appropriate protective clothing until sprays have dried. Required Protective Clothing: Long sleeved shirt and long legged pants.~~

STORAGE AND DISPOSAL

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

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

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 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.

DIRECTIONS FOR DILUTION

MAINTAIN ADEQUATE AGITATION AT ALL TIMES.

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.

AIR 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.

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.

NOTE: The per acre rate of this product for concentrate and aerial application is based upon a dilute ground application with conventional equipment for orchards applying 100 to 800 gallons per acre. If directions call for 1 lb of product per 100 gallons of water, this amounts to 1-8 lbs per acre when applied dilute, concentrate or aerial.

CROPS

PEACHES, NECTARINES: Brown Rot, Peach Blight, Leaf Curl - Apply 5 to 7 lbs per 100 gallons of spray. With dormant oil spray, apply 5 1/2 lbs per 100 gallons of spray. May be applied up to full pink stage.

WALNUTS: Walnut Blight - Apply 4 to 6 lbs per 100 gallons of spray. Two sprays are needed, one when 1% of flowers are showing and second when 10% of flowers are showing. A third application may be used post bloom in severe areas.

APPLES, PEARS: Fire Blight - Apply 4 to 5 lbs per acre in sufficient water to cover according to method of application. Apply every 5 to 7 days starting at 10% bloom. The use varies according to varieties and your field representative should be consulted for recommendations.

ALMONDS: Shot Hole - Apply 5 to 7 lbs in 100 gallons of spray when buds start to swell in spring.

CHERRIES: Brown Rot - Apply 5 to 7 lbs in 100 gallons of spray at white bud stage.

CITRUS: Brown Rot, Septoria - Apply 2 lbs in 100 gallons of spray. Spray lower branches 1 1/2 to 3 feet from ground in late fall at time of first rains and again later as needed in extra wet years.

APRICOTS: Brown Rot, Shot Hole - Apply 5 to 7 lbs in 100 gallons of spray. Apply at red bud or pre-jacket stage.

ZINC AND COPPER DEFICIENCY SURAY

Dormant Spray: Use 4 to 6 lbs in 100 gallons of spray added to dormant oil emulsion spray or 5 to 6 lbs as water spray.

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Foliage Spray: Use 3 to 4 lbs per 100 gallons as a water spray over new foliage. For foliage oil emulsion sprays, use 1 lb per 100 gallons of spray.

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.