

Reg # 17545-7

PM - 22

File 194



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

NOV 18 1994

LYNN C. CALLENS
MONTEREY CHEMICAL COMPANY
P.O. BOX 5317
5150 N. SIXTH STREET, ST. 156
FRESNO, CA. 93755

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/18/94 in Response to PR Notice 93-7
EPA Reg. No. 17545-7
ZINC-COPPER SPRAY 25%-25%

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

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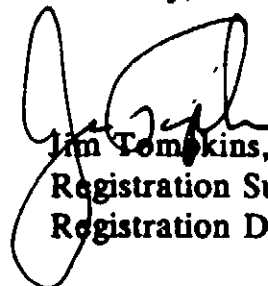
Submit the final printed labeling via the U.S. Postal Service to:

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

3 9 4
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Lynn C. Callens
MONTEREY CHEMICAL COMPANY
P.O. BOX 5317/5150 N. SIXTH ST.-SUITE 156
FRESNO CA 93755

Comment for: EPA Reg Nr.17545-7
ZINC-COPPER SPRAY 25%-25%

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

The following statement on your proposed label is not required
for this product: "Notify workers of the application by warning
them orally and by posting warning signs at entrances to treated
areas." Delete it from the Agricultural Use Requirements box.

Delete the crossed-out statements on your proposed label. They
are redundant statements or phrases.

Correct the typographical errors circled on your proposed label.



ZINC-COPPER SPRAY 25% - 25% Fungicide

4 3 4

For control of certain diseases and nutrient deficiencies
of citrus and various deciduous fruit and nut crops

READ THIS LABEL CAREFULLY

ACTIVE INGREDIENT:

Basic Copper Sulfate47.1%
(Metallic copper equivalent...25%)

INERT INGREDIENTS:52.9%

TOTAL100.0%

GUARANTEED ANALYSIS

Copper (Cu)25.0%

Zinc (Zn)25.0%

Copper derived from basic copper sulfate, Zinc from zinc oxy-sulfate.

EPA Reg. No. 17545-7

EPA Est. No. 11474-CA-01

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

May cause temporary eye irritation. Harmful if absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with the eyes, skin or clothing. Avoid breathing dust or mist.

Personal Protective Equipment

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- 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 RECOMMENDATIONS

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.
- 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.

STATEMENT OF PRACTICAL TREATMENT

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

If in eyes: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

If spilled on skin: Remove contaminated clothes and shoes and immediately wash skin with soap and plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product 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. 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 instructions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, 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, shoes plus socks, waterproof gloves, protective eye wear. Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

DIRECTIONS FOR DILUTION:

Ditch Applications: Apply the recommended dose for deciduous tree crops and citrus crops in at least 400 gallons per acre.

Concentrate Applications: Apply the recommended rate in at least 50 gallons per acre.

Aerial Applications: Apply the recommended dose in at least 10 gallons per acre.

Note: MAINTAIN ADEQUATE AGITATION AT ALL TIMES.

FUNGICIDAL USES:

ALMONDS, APRICOTS, CHERRIES, PLUMS & PRUNES: For control of Brown Rot Blossom Blight and Corynespora Blight (Shot-hole), use 32-40 lbs. ZINC-COPPER SPRAY 25%-25%/A in dormant and/or delayed-dormant bud sprays through popcorn stage. Apply the higher rate in dormant sprays through bud swelling and the lower rate at popcorn stage.

APPLES: To control Fire Blight, apply 4-5 lbs. product/A at 10% bloom and repeat at 5-7 day intervals through late bloom. For control of Anthracnose (except in California), annually apply 12-16 lbs. product/A to blight after harvest for red varieties and once every 2 to 3 years for yellow varieties.

CITRUS: To control Brown Rot and Septoria Leaf/Fruit Spot (California only), apply 10-20 lbs. ZINC-COPPER SPRAY 25%-25%/A at first indications of fall rains or disease appearance. Repeat as needed during wet weather.

NECTARINES & PEACHES: For control of Brown Rot Blossom Blight, Peach Blight (Corynespora) and/or Leaf Curl, apply 32-40 lbs. product/A as a dormant spray before fall rains, before bud swell, and again at full pink bud. Note: To control Leaf Curl, application must be made before the foliage buds swell.

PEARS & QUINCE: To control Fire Blight, apply 4-5 lbs. ZINC-COPPER SPRAY 25%-25%/A at 10% bloom. Repeat at 7 day intervals through bloom. Do not use on D'Anjou, Comice or Bechtel pear varieties.

WALNUTS: To control Walnut Blight, apply 32-40 lbs. product/A at early prebloom and again at 10-20% pistillate bloom. Use 3-5 additional sprays during the growing season, if needed.

ZINC & COPPER DEFICIENCY CORRECTIONS:

Dormant Sprays for ALMONDS, APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEAR, PLUMS, PRUNES & WALNUTS: Apply 16-24 lbs. product/A in dormant and/or delayed-dormant sprays until just before buds begin to open. May be tank mixed with dormant spray oils.

Foliar Sprays for CITRUS: Apply 2-8 lbs. product/A as needed to 2/3-3/4 expanded foliage at each major growth flush.

Postharvest Foliar Sprays for ALMONDS, APPLES, NECTARINES, PEACHES & WALNUTS: Apply 12-16 lbs. product/A after harvest but before fall leaf drop begins.

CAUTION: Certain varieties of almonds, nectarines, peaches, pears and plums may be sensitive to foliar applications of ZINC-COPPER SPRAY 25%-25%. Test application to part of several trees is suggested to assess potential undesirable effects under specific use conditions.

STORAGE AND DISPOSAL

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

Storage: Keep in original container. Do not reuse empty container. Store in cool, dry place.

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.

WARRANTY - CONDITIONS OF SALE

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is, however, impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Monterey Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result. ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Monterey Chemical Company 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 as modified by the above. Monterey Chemical Company makes no other warranties, express or implied, including FITNESS or MERCHANTABILITY. In no case shall Monterey Chemical Company or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Monterey Chemical Company and is accepted as such by the Buyer.

NET WEIGHT: 10 LBS.

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 18 1994

This product is manufactured by
MONTEREY CHEMICAL CO.

P.O. Box 5317
Fresno, CA 93755

(When the Federal Insecticide,
Fungicide, and Rodenticide Act
is amended, for the pesticide
registered under EPA Reg. No.

17545-7

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