



PR 22 400-382
file 10/16

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

FEB 24 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

WILLARD F. CUMMINGS
UNIROYAL CHEMICAL CO. INC.
74 AMITY ROAD
BETHANY, CT. 06524

Subject: Label Amendment Submission of 8/12/93 In Response to PR Notice 93-7
EPA Reg. No. 400-382
NUTRA SPRAY BASIC COPPER CARBONATE

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.



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

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.

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.

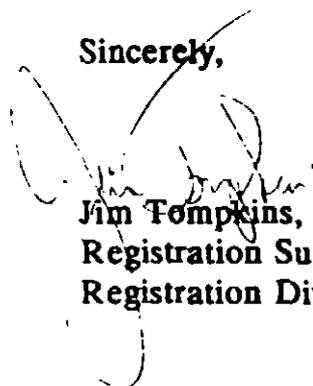
Submit the final printed labeling via the U.S. Postal Service to:

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

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

beneficial. Nutrient applications should be repeated if crops continue to show deficiencies 14 days after the initial treatment.

5 of 6

NUTRA-SPRAY®

BASIC COPPER CARBONATE



ACCEPTED
with COMMENTS
in EPA Letter Dated
MAY 24 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
400-382

COMPOSITION

Active Ingredients: (% by weight)	
Copper (expressed as metallic equivalent)	51.0%
Inert Ingredients	49.0%
Total:	100.0%

(Copper derived from Basic Copper Carbonate)
A Copper Fungicide for General Use - A Spray Dried Product

LEFFINGWELL®

111 SOUTH BERRY STREET/P.O. BOX 1880, BREA, CA 92821

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-382
EPA EST. NO.

001WPS

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN CAUTION

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

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers (other than Mixers and Loaders) Must Wear: A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear.

Mixers and Loaders Must Wear: A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear.

Follow manufacturer's instructions for cleaning and 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, or enclosed cabs, 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not allow rinsate from cleaning of equipment or disposed material to enter surface or groundwater.

BEST AVAILABLE COPY

DIRECTIONS FOR USE

It is violation of Federal Law to use this product in a manner inconsistent with its labeling.

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

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 intervals. 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 12 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

USE DIRECTIONS

APPLES — For Fire Blight, use ½ lb. per 100 gals. at full bloom period or ½ lb. per 100 gals. at petal fall, calyx or late bloom stage. Apply 250-800 gals. of dilute spray per acre per application.

APRICOTS — For Shot Hole, use 4 - 5 lbs. per 100 gals. from Nov. 15 to Dec. 15 in Sacramento Valley. Brown Rot in dormant stage, use 2½ lbs. per 100 gals. added to Dormant Oil Spray. In Red Bud Stage, early and full bloom stage, use 4 - 5 lbs. per 100 gals. spray. For Bacterial Canker, use 4 - 5 lbs. per 100 gals. in late October and November. Dosage not to exceed 25 lbs. per acre per application.

CHESTNUTS — For Brown Rot and Blossom Blight, use 4 - 5 lbs. per 100 gals. at popcorn or full bloom period. For Leaf Spot and Blossom Blight, use 4 - 5 lbs. per 100 gals. at Petal Fall. Apply 250 - 800 gals. of dilute spray per acre.

CITRUS (All Varieties) — For Brown Rot, use ½ - 1½ lbs. per 100 gals. in late fall at time of first rains. Spray skirts of trees from the ground up to 3 - 4 ft. high with up to 6 gals. of spray solution per tree; also spray 2 - 4 gals. on the trunk and ground under tree. Apply 3 - 5 lbs. Basic Copper Carbonate per acre. Two applications may be necessary in extremely wet years.

For Septoria, spray the entire tree in late fall with ¾ - 1½ lbs. per 100 gals. In copper sensitive or smog areas, a protective agent of 1 lb. of lime or NUTRA-PHOS® per 100 gals. should be added. Apply 400 - 3000 gals. of dilute spray per acre in complete coverage, but do not exceed 25 lbs. of Basic Copper Carbonate per acre.

Combination Spray—San Joaquin Valley, for Brown Rot, Septoria, Leafhopper repellency and to supply copper, October through November, use 1-1½ lbs. Basic Copper Carbonate per 100 gallons with 15 - 30 lbs. of lime. Apply 3 - 25 lbs. of Basic Copper Carbonate per acre using outside coverage (300 - 2500 gals. of dilute spray per acre). Where desired, NUTRA-SPRAY® Zinc 50 or other NUTRA-SPRAY or NUTRA-PHOS products may be added at the recommended dosage. Basic Copper Carbonate is compatible with Gibberellic Acid and may be added to Gib sprays at ½ - 1 lb. per 100 gals. to assist in the control of Brown Rot and Septoria (3- 25 lbs. Basic Copper Carbonate per acre).

OLIVES — For Peacock Spot, spray whole tree in late fall, with 3 - 5 lbs. of Basic Copper Carbonate per 100 gallons of spray. Apply 400 - 3000 gals. of dilute spray per acre, but do not exceed 32 lbs. Copper Carbonate per acre. Olives should be washed after picking.

PEACHES & NECTARINES — For Leaf Curl and Peach Blight, use 4 - 5 lbs. per 100 gals. spray November 15 to December 15. For Leaf Curl, add 3 lbs. per 100 gals. to Dormant Spray, if late fall spray has been omitted. For Brown Rot, Peach Blight at Pink Bud, use 4 - 5 lbs. per 100 gals. spray. Do not exceed 25 lbs. per acre per application. For a Deficiency Spray to control copper deficiency, Basic Copper Carbonate can be used alone or with oil emulsion at the rate of 1 - 1½ lbs. per 100 gals. spray.

WALNUTS — For Walnut Blight, use 2 - 3 lbs. per 100 gals. Two sprays are recommended; the first in early pre-bloom with 1% of flowers showing, and the second when 10% of flowers are showing. In severe areas, a third application is suggested in post-bloom period. Do not apply more than 30 lbs. Basic Copper Carbonate per acre per application.

COMPATIBILITY — NUTRA-SPRAY Basic Copper Carbonate is compatible with most organo-phosphate and carbamate pesticides. It should not be used with Morestan, lime-sulphur, SORBA-SPRAY® products or other strongly acidic materials. See Leffingwell Compatibility Chart for detailed information.

SPREADERS — Use of a spreader is recommended with this product. This product is recommended for use as a supplement to a well-balanced fertilizer program only. It is not intended nor implied to be a substitute for sound soil fertilization and good conventional cultural practices.

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

CAUTION — Observe all cautions and limitations on labeling of all products used in mixtures.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location.

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.

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

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