

AUG 19 1987

Raymond A. Cardona, Ph.D.
 Uniroyal Chemical Company, Inc.
 74 Amity Road
 Bethany, CT 06525

Dear Dr. Cardona:

Subject: Amendment - Revised Labeling/Updated Formula
 Nutra-Spray Basic Copper Carbonate
 EPA Registration No. 400-382
 Your Submissions Dated July 23 and August 4, 1987

Your 90-day response to the Copper II Registration Standard, providing a Formulator's Exemption Statement, is acceptable. The updated formula statement has been incorporated in our files. It is understood that the formula dated August 27, 1986 replaces previously accepted formulas for this product.

Revised labeling is acceptable provided you:

1. Make the following changes before releasing the product for shipment bearing amended labeling:
 - a. Delete the Physical or Chemical Hazards statement since flammability precautions are not required for this product.
 - b. Modify first aid for skin to read "Get medical attention if irritation persists."
2. Submit one (1) copy of final printed labeling incorporating the changes above.

A stamped copy of labeling is enclosed for your records.

Sincerely yours,

[Signature]
 for Richard F. Mountfort
 Product Manager (23)
 Fungicide-Herbicide Branch
 Registration Division (TS-767C)

Enclosure

15629:I:Mountfort:ME-03:KENCO:8/17/87:8/26/87:CRIS:VO:SJH:EK:CRIS
 CONCURRENCES

SYMBOL	ORIGINATOR							
SURNAME								
DATE								

P 2/3

CHEMIGATION STATEMENT
MARKED IN RED - THIS COPY ONLY (OVER)

NUTRA-SPRAY®

BASIC COPPER CARBONATE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

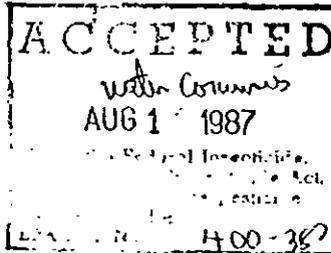
Causes eye and skin irritation. Harmful if swallowed, absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with the skin, eyes, or clothing. Avoid breathing dust. Protective clothing, including goggles, should be worn. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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 ground water."

PHYSICAL or CHEMICAL HAZARDS X

Do not use or store near heat or open flame.



COMPOSITION

Active Ingredient:
 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

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL ✓

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

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 contact persists.
 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 left side panel for additional precautionary statements.

NET WEIGHT 50 POUNDS (22.68 kg)

E.P.A. Est. No. 7874-CA-1
E.P.A. Reg. No. 400-382

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MIDDLEBURY, CT 06749

LEFFINGWELL

UNIROYAL CHEMICAL

7/23/87

BEST AVAILABLE COPY

REENTRY 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 treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

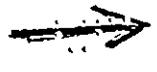
Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information.

"CAUTION" Area to be treated with Basic Copper Carbonate on (date of application). Do not enter without appropriate protective clothing until sprays have dried.

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.
- / **CHERRIES** — 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 ½-1¼ 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 3-15 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. ^{Prevent} Combination Spray — San Joaquin Valley, for Brown Rot, Septoria, ^{Prevent} 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.

*OK use Carb 0.1-0.6
with NUTRA-SPRAY
usage of organo*



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.