

PM 23

400-442

File
1 of 6



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

JAN 26 1994

Willard F. Cummings
Uniroyal Chemical Co. Inc.
74 Amity Road
Bethany CT 06524

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 08/12/93 in Response to PR Notice 93-7
EPA Reg. No. 400-442
NUTRA-SPRAY COPOPHOS

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 SoyCandla Ink on paper that
contains at least 50% recycled fiber

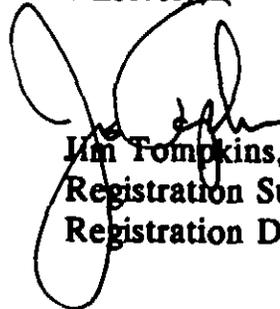
Submit the final printed labeling via the U.S. Postal Service to:

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

INTRA-SPRAY®

COPOPHOS

ACCEPTED
with COMMENTS
in EPA Letter Dated



JAN 26 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
400-442

COMPOSITION

Active Ingredients: (% by weight)	
Basic Copper Sulfate*	27.4%
Inert Ingredients:	
Phosphoric Acid (P ₂ O ₅ available)	10.8%
Zinc (expressed as metallic equivalent)	5.4%
Other	56.4%
Total:	100.0%

(*Metallic Copper Equivalent 14.5%
Phosphoric acid derived from metallic phosphates.
Zinc derived from phosphates)

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-442
EPA EST. NO.

001WPS

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites or gelatin solution. If not available, drink large amounts of water. Avoid alcohol. Call a physician immediately.
IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Call a physician.
IF ON SKIN: Wash with plenty of water, for at least 15 minutes. Call a physician if irritation persists.

IF INHALED: and abnormal symptoms develop, see a physician.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. May cause skin sensitization in certain individuals. Keep away from domestic animals.

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.

Mixers and Loaders Must Wear: A long-sleeved shirt and 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.

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 contaminate water when disposing of equipment washwaters.

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 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
- protective eyewear

NUTRA-SPRAY COPOPHOS is designed as a general fungicide for use on citrus in copper sensitive areas. Also recommended for use as a tree deficiency spray where the elements are the recognized deficiencies.

NOTE: In areas where there may be a severe smog, add 1 lb. of lime per 100 gallons of finished spray as an additional precaution.

USE DIRECTIONS FUNGICIDE USES

Follow use directions below for specific crop applications. If conditions favor disease incidence, or evidence of disease is present, higher rates should be used.

FOR ALL CITRUS VARIETIES:

BROWN ROT: Use 3-5 lbs. COPOPHOS per 180 gallons of water. Spray skirts of trees from the ground up to 3-4 feet high in late fall as a preventative, or when disease first appears. Use up to 6 gallons of spray per tree. In addition, spray 2-4 gallons on the trunk and ground under the tree. Apply 15-50 lbs. COPOPHOS per acre. A second application may be advisable in unusually wet winters.

SEPTORIA: For septoria control apply in late fall as a preventative, or when disease first appears. Thoroughly wet all surfaces of the entire tree with 3-4 lbs. COPOPHOS per 100 gallons of water. Do not exceed 85 lbs. of COPOPHOS per acre. May also be applied as a dust by air or ground duster at the rate of 20-50 lbs. per acre.

MACRONUTRIENT USES

The following applications should be made when nutrient deficiency is detected or when cultural practices indicate that such applications are beneficial. Nutrient applications should be repeated if crops continue to show deficiencies 14 days after the initial treatment.

FOR MINOR ELEMENT SPRAY ON CITRUS, AVOCADOS, DECIDUOUS FRUIT AND NUT TREES AND ORNAMENTALS: Apply COPOPHOS at the rate of 8-30 lbs. per acre in 10-20 gallons of water by air, 15-100 gallons of water by concentrate sprayer. By conventional ground rig, use 2-7 lbs.

per 100 gallons of water.

SPREADERS: A Spreader-Sticker is recommended with this product.

COMPATIBILITY: NUTRA-SPRAY COPOPHOS when used without lime, is compatible with phosphate and chlorinated hydrocarbon insecticides and miticides.

CAUTION: Maintain adequate agitation at all times. Do not use COPOPHOS in acidic spray solutions or with Leffingwell STABILIZED IRON or SORBA-SPRAY products since injury from excessive soluble copper may result.

STORAGE AND DISPOSAL

STORAGE: Store product in a secure place and keep product dry. Spilled product should be swept up, used if clean, or disposed of on site and for waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Store product only in original container. During storage, store pesticides separately to prevent cross-contamination of other pesticides, fertilizers, food and feed.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Do not reuse this container. 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.

© NUTRA-SPRAY is a Registered Trademark of Uniroyal Chemical Company, Inc.

© Copyright 1993, Uniroyal Chemical Company, Inc.

4 of 6

NUTRA-SPRAY®

COPOPHOS

**UNIROYAL
CHEMICAL**

COMPOSITION

Active Ingredients: (% by weight)	
Basic Copper Sulfate*	27.4%
Inert Ingredients:	
Phosphoric Acid (P ₂ O ₅ available)	10.8%
Zinc (expressed as metallic equivalent)	5.4%
Other	56.4%
Total:	100.0%

(*Metallic Copper Equivalent 14.5%)

Phosphoric acid derived from metallic phosphates.

Zinc derived from phosphates)

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749

001WPS

EPA REG. NO. 400-442

EPA EST. NO.

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites or gelatin solution. If not available, drink large amounts of water. Avoid alcohol. Call a physician immediately.

IF IN EYES: Flush eyes with plenty of water for at least 15 minutes. Call a physician.

IF ON SKIN: Wash with plenty of water, for at least 15 minutes. Call a physician if irritation persists.

IF INHALED: and abnormal symptoms develop, see a physician.

PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact immediately flush eyes or skin with plenty of water. May cause skin sensitization in certain individuals. Keep away from domestic animals.

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.

Mixers and Loaders Must Wear: A long-sleeved shirt and 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.

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 contaminate water when disposing of equipment washwaters.

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 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
- protective eyewear

NUTRA-SPRAY COPOPHOS is designed as a general fungicide for use on citrus in copper sensitive areas. Also recommended for use as a tree deficiency spray where the elements are the recognized deficiencies.

NOTE: In areas where there may be a severe smog, add 1 lb. of lime per 100 gallons of finished spray as an additional precaution.

USE DIRECTIONS FUNGICIDE USES

Follow use directions below for specific crop applications. If conditions favor disease incidence, or evidence of disease is present, higher rates should be used.

FOR ALL CITRUS VARIETIES:

BROWN ROT: Use 3-5 lbs. COPOPHOS per 100 gallons of water. Spray skirts of trees from the ground up to 3-4 feet high in late fall as a preventative, or when disease first appears. Use up to 6 gallons of spray per tree. In addition, spray 2-4 gallons on the trunk and ground under the tree. Apply 15-50 lbs. COPOPHOS per acre. A second application may be advisable in unusually wet winters.

SEPTORIA: For septoria control apply in late fall as a preventative, or when disease first appears. Thoroughly wet all surfaces of the entire tree with 3-4 lbs. COPOPHOS per 100 gallons of water. Do not exceed 85 lbs. of COPOPHOS per acre. May also be applied as a dust by air or ground duster at the rate of 20-50 lbs. per acre.

MICRONUTRIENT USES

The following applications should be made when nutrient deficiency is detected or when cultural practices indicate that such applications are beneficial. Nutrient applications should be repeated if crops continue to show deficiencies 14 days after the initial treatment.

FOR MINOR ELEMENT SPRAY ON CITRUS, AVOCADOS, DECIDUOUS FRUIT AND NUT TREES AND ORNAMENTALS: Apply COPOPHOS at the rate of 8-30 lbs. per acre in 10-20 gallons of water by air, 15-100 gallons of water by concentrate sprayer. By conventional ground rig, use 2-7 lbs.

SPREADERS: A Spreader-Sticker is recommended with this product.

COMPATIBILITY: NUTRA-SPRAY COPOPHOS when used without lime, is compatible with phosphate and chlorinated hydrocarbon insecticides and miticides.

CAUTION: Maintain adequate agitation at all times. Do not use COPOPHOS in acidic spray solutions or with Leffingwell STABILIZED IRON or SORBA-SPRAY products since injury from excessive soluble copper may result.

STORAGE AND DISPOSAL

STORAGE: Store product in a secure place and keep product dry. Spilled product should be swept up, used if clean, or disposed of on site and for waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Store product only in original container. During storage, store pesticides separately to prevent cross-contamination of other pesticides, fertilizers, food and feed.

DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Do not reuse this container. 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.

© NUTRA-SPRAY is a Registered Trademark of Uniroyal Chemical Company, Inc.

© Copyright 1993, Uniroyal Chemical Company, Inc.