

Reg # 802-12

PM-23

7/19/8



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

MAY 06 1994

Molly Hickman
CHAS H. LILLY CO.
7737 N.E. KILLINGSWORTH
PORTLAND, OR 97218

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 04/11/94 in Response to PR Notice 93-7
EPA Reg. No. 802-12
LILLY/MILLER MICROCOP FUNGICIDE

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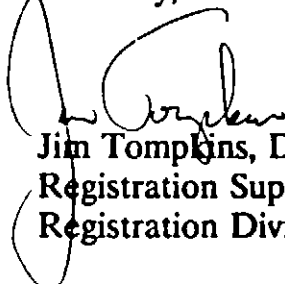
Submit the final printed labeling via the U.S. Postal Service to:

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

CHAS H. LILLY CO.
802-12 04/11/94
LILLY/MILLER MICROCOP FUNGICIDE
Original Submission

Add the following statement to the "Personal Protective Equipment" section of your label: "Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them." The exact location of this statement is shown in Section A on Part 1 of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

The Agricultural Use Requirements section must be located in a clearly separate box on the product labeling - - with lines or other graphic indicators (such as contrasting color) to separate the section from the surrounding text.

The Non-Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

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

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LILLY/MILLER
MICROCOP FUNGICIDE
(Microtonized Tribasic Copper Sulfate)

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 06 1994

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

802-12

ACTIVE INGREDIENT:
*Basic Copper Sulfate 90%
INERT INGREDIENTS 10%

*Metallic copper equivalent 50%

FIXED COPPER SPRAY FOR USE IN PLACE OF BORDEAUX for controlling certain diseases on Fruits, Nuts, Small Fruits, Vegetables, Flowers, Shrubs.

Lilly/Miller Microcop Fungicide is a "Fixed" Copper Spray used in place of Bordeaux Mixture. It is very stable and does not deteriorate rapidly like Bordeaux Mixture when exposed to moist air.

Keep out of reach of children
WARNING-AVISO

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.)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Avoid inhaling dust or spray mist. May cause skin sensitization in certain individuals. Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment:

Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard must wear: Long-sleeved shirt and long pants; waterproof gloves; Shoes plus socks; 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. For applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170), protective clothing, including goggles, should be worn. Wash thoroughly after use. Remove contaminated clothing and wash before reuse.

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.

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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.

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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 the back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

This pesticide 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.

NET WEIGHT 20 LBS.

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

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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; Protective eyewear.

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NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Do not enter treated areas without full protective clothing until sprays have dried.

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MIXING DIRECTIONS

1. For Large Spray Tanks - Fill tank about 1/4 full with water and with agitator running, add the required amount of MICROCOP FUNGICIDE. When

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the tank is 2/3 full add spreader, and fill the tank. Keep agitator running during filling and spraying operations.

2. For Small Amounts - Mix the required amount of MICROCOP FUNGICIDE with a small amount of water to form a smooth, creamy paste. Next, add this paste to the required amount of water. Shake sprayer frequently while spraying to insure uniformity of solution.

NOTE: One ounce of MICROCOP FUNGICIDE equals 2 1/3 tablespoons. Lilly/Miller Sta-stuk extends the effective life of MICROCOP FUNGICIDE by resisting the washing effects of rains and snows. Consult your State Agricultural Experiment Station or State Extension Service Authorities for additional information as the timing, number and rate of application will vary with local conditions.

SPECIFIC DIRECTIONS - NOT FOR USE IN GREENHOUSES

FRUITS, NUTS AND VEGETABLES including

APPLES, PEARS - Anthracnose, Perennial Canker: Use 1 lb. MICROCOP FUNGICIDE plus 1 cup superior type oil to 25 gals. of water (1 1/2 tablespoons MICROCOP FUNGICIDE plus 2 teaspoons superior type oil to 1 gal.). Apply as a wetting spray after fruit harvest.

PEACHES - Leaf Curl: Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.). Apply in late fall or early winter before winter rains or snow. Repeat in late winter or early spring before buds break.

PEACHES, APRICOTS - Coryneum Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply after harvest before fall rains.

SMALL FRUITS: Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.). for the following: Blackberry Leaf and Cane Spot: Apply sprays after September 15th, March 15th and April 1st. Gooseberries, Currants-Anthracnose, Leaf Spot: Apply sprays at full bloom stage. Repeat in two weeks and re-apply after harvest.

FILBERT - Bacterial Blight (Oregon and Washington only): Use 1 lb. to 16 gals. of water (2 1/3 tablespoons to 1 gal.) in late August or early September before the first heavy fall rains. In seasons of heavy rainfall during fall and winter, apply another spray when 3/4 of the leaves have dropped.

WALNUT - Blight: Use 1 lb. to 33 gals. of water (1 tablespoon to 1 gal.). Apply in early pre-bloom stage. Repeat in late pre-bloom and early post-bloom stages.

VEGETABLE SEEDLINGS - Damping Off: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply to soil surface in plant bed after emergence of seedlings. Repeat at 4 to 7 day intervals as needed.

CELERY, POTATOES, TOMATOES - Late Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply at first sign of blight. Repeat at 4 to 5 day intervals until under control.

ORNAMENTAL WOODY SHRUBS AND VINES including

AZALEA - Galls (Flower, Leaf, Stem): Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply to entire plant before buds break in the spring. Repeat 2 to 3 weeks later. Should any galled leaves

appear, remove and burn. Anthracnose, Leaf Spots, Botrytis Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed.

CAMELLIA - Dieback; EUONYMUS - Anthracnose, Botrytis Blight; IVY - Bacterial Leaf Spot. LAUREL - Leaf Blights, Leaf Spots; LILAC - Leaf Spot; PACHYSANDRA - Leaf Blight, Volutella Twig Blight; PYRACANTHA - Fire Blight, Scab; RHODODENDRON - Botrytis Blight, Bud and Twig Blight, Leaf Spots; ROSE - Powdery Mildew: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed.

LILAC - Bacterial Blight: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply thoroughly in September and again before fall rains. Prune out and burn affected parts of the bush as they appear.

FLOWERING SHRUBS - Certain Leaf Spots (Cercospora, Septoria, Botrytis): Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Spray at first appearance of small discolored areas on leaves. Repeat sprays as necessary.

ORNAMENTAL FLOWERING PLANTS including

ASTER, BEGONIA, CHRYSANTHEMUM, GARDENIA, IRIS, NARCISSUS, DELPHINIUM - Leaf Spots. CARNATION, COTONEASTER, DAHLIA - Botrytis Blight (Gray Mold); GERANIUM - Botrytis Blight, Downy Mildew, and Leaf Spots; BULBS (GLADIOLUS, LILIES, TULIPS) - Botrytis Blight; MARIGOLDS, PHLOX - Botrytis Blight, Leaf Spots; SNAPDRAGONS, PANSY, VIOLETS - Anthracnose, Downy Mildew, Botrytis Blight, Leaf Spots; ZINNIA - Powdery Mildew: Use 1 lb. to 25 gals. of water (1 1/2 tablespoons to 1 gal.). Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed. PEONIES - Botrytis Blight: Apply before shoots are 1 foot tall. Repeat in 2 weeks and again if any signs of bud blast appear. Remove and burn all debris and affected plant parts from growing beds.

ORNAMENTAL AND SHADE TREES including

ARBORVITAE, CYPRESS, JUNIPER - Berckman's Blight (Arborvitae only): Use 1 lb. to 33 gals. of water (1 tablespoon to 1 gal.). Spray twice in fall. First spray in late September or early October and second spray in early November. Coryneum Blight: Use 1 lb. in 25 gals. of water (1 1/2 tablespoon to 1 gal.). Apply in early spring and fall.

CEDAR - Cedar-Apple Rust: Use 1 lb. in 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply in July and August or two weeks before disease is normally expected.

DOGWOOD - Use 1 lb. to 25 gals. water (1 1/2 tablespoons to 1 gal.) for the following: Anthracnose (NW only): Begin sprays at bud break, repeat 2 or 3 times at 10 day intervals; Leaf Spot, Leaf Curl: Apply as leaves uncurl in spring and repeat in 2 to 3 weeks.

LINDEN, MAPLES, SYCAMORES, OAKS - Anthracnose, Leaf Spots: Use 1 lb. in 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply to swelling buds and repeat 2 times at 10 day intervals as needed.

PINE - Needle Blights: Use 1 lb. in 25 gals. of water (1 1/2

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tablespoons to 1 gal.). Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed.

SPRUCE - Needle Cast: Use 1 lb. in 25 gals. of water (1 1/2 tablespoons to 1 gal.). Apply as new needles are emerging and repeat 2 or 3 times as needed at 7 to 10 day intervals.

YEWS - Twig Blight: Use 1 lb. in 25 gals. of water (1 1/2 tablespoons to 1 gal.). Begin treatment in spring before disease appears and repeat at 7 to 10 day intervals and after rains as needed.

STORAGE AND DISPOSAL

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

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.

LIMIT OF WARRANTY AND LIABILITY

The Chas. H. LILLY Co. (LILLY) warrants that this product conforms to the chemical or other description on the label (and/or instructions) and is reasonably fit for the purposes set forth on the label (and/or instructions) under the conditions described there. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the following conditions:

*Buyer and all users shall promptly notify LILLY of any claims whether based in contract, negligence, strict liability, other tort, or otherwise.

*THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE LIMIT OF LIABILITY OF LILLY FOR ANY LOSS, INJURY OR DAMAGE RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (including claims based upon contract, negligence, strict liability, other tort, or otherwise) SHALL BE:

1. The purchase price paid for the product, or at the election of LILLY

2. The replacement of such quantity of the product as is involved. IN NO EVENT SHALL LILLY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

*LILLY agents have no authority to give warranties or make representations on its behalf, concerning the use, quality or performance of this product, or any other respect.

*The use, handling, storage, and other influencing factors are beyond the control of LILLY. Buyer assumes all risk of loss, injury, or damage due to use, handling, storage and other influencing factors, including but not limited to, incompatibility with other products, and weather conditions.

NOTICE: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Filled by weight not by volume. Product may settle after packaging.

THE CHAS. H. LILLY CO.
PORTLAND, OREGON 97218
EPA Est. 802-OR-1
EPA Reg. No. 802-12