



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

MAR 30 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

Subject: Label Amendment Submission of 12/16/93 in Response to PR Notice 93-7
EPA Reg. No. 802-1
MILLERS LIQUID LIME SULPHUR

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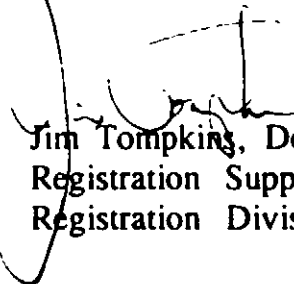
Submit the final printed labeling via the U.S. Postal Service to:

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

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

Comment for: EPA Reg Nr.802-1
MILLER'S LIQUID LIME SULPHUR

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

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.

Correct the typographical errors circled on your proposed label.

LILLY/MILLER LIQUID LIME SULFUR

SAN JOSE SCALE - SCAB - POWDERY MILDEW ON APPLES - PEARS

ACTIVE INGREDIENT:

- Calcium Polysulfide 29%
- INERT INGREDIENTS 71%

Contains calcium and sulfur expressed as gypsum-3.0 lbs. per gallon. Other combined sulfur 1.9 lbs. per gallon. Product Weight 10.6 lbs. per gal. at 68 degrees F.

Keep out of reach of children

DANGER - PELIGRO

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.)

See side panel for additional precautionary statements.

NET CONTENTS _____ GALLON(S)

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive to eyes. Concentrate causes eye damage and skin irritation. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist.

Personal Protective Equipment:

Applicators and other handlers must wear: long-sleeved shirt and long pants; waterproof gloves; shoes plus socks; protective eyewear. Discard (clothing) and other absorbant materials that have been drenched or heavily conatminated with this product's concentrate. Do not reuse them. 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.

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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.

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAR 30 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 802-1

* 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: Administer water freely and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Professional medical assistance should be secured immediately. If On Skin: Rinse off material and wash skin with soap and water. Get medical attention if irritation persists. If In Eyes: Wash with plenty of water for at least 15 minutes. Get medical attention. If Inhaled: Remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention. Never give anything by mouth to an unconscious person.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

PHYSICAL OR CHEMICAL HAZARDS

May give off toxic and extremely flammable hydrogen sulfide gas if mixed with acids.

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. SHAKE WELL BEFORE USING.

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 48 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.

USE PRECAUTIONS

Do not spray straight or diluted LIQUID LIME SULPHUR against painted surfaces. Walls can be protected with heavy paper or a tarpaulin. Do not use on Apples or Pears immediately before or after an oil spray. Do not use on sulfur-susceptible varieties of Pears and Apples after the Pink Sprays. Use with caution on Anjou Pears in the Pink Sprays. Consult State Agricultural Experiment Station or State Extension Service Authorities for exact timing and spacing of sprays in your area.

SPRAY CALENDAR

Crop and Pest	Time of Application	Dilution to Use
APPLES		
San Jose Scale	Dormant: As winter buds swell, just before opening.	1
San Jose Scale	Dormant: As winter buds swell, just before opening.	2
Oyster Shell Scale		
Blister Mite		
Scab and Powdery Mildew	Prepink, or green bud spray: Leaves separating just exposing blossom bud cluster.	3
Scab and Powdery Mildew	Pink, or preblossom spray: Just before blossoms open.	4
Scab and Powdery Mildew	Calyx, when 3/4 petals have fallen.	5
PEARS		
San Jose Scale	Dormant: As winter buds swell, just before opening.	1
Scab and Powdery Mildew	Prepink: Blossom bud clusters just exposed.	3
Scab and Powdery Mildew	Pink, or preblossom spray. Just before blossoms open.	4
ROSES		
Clean-up Spray	Dormant: As winter buds swell - before opening. December or January.	6
	If roses not sprayed before buds swell - February.	7

DILUTION TO USE

Number	Amount to Use
1	11 gals. LIQUID LIME SULPHUR to 100 gallons water; or 2 2/3 pint to 3 gallons water.
2	3 gals. LIQUID LIME SULPHUR plus 1 1/2 to 2 gals. LILLY/MILLER SUPERIOR TYPE SPRAY OIL to 100 gallons of water; or 1 1/2 cups LIQUID LIME SULPHUR plus 3/4 to 1 cup LILLY/MILLER SUPERIOR TYPE SPRAY OIL to 3 gallons of water.
3	2 1/2 to 3 gals. LIQUID LIME SULPHUR to 100 gallons of water; or 3/4 pt to 3 gallons of water.
4	2 1/2 gals. LIQUID LIME SULPHUR to 100 gallons of water; or 1 1/4 cup to 3 gallons of water.
5	2 to 2 1/2 gals. LIQUID LIME SULPHUR to 100 gallons of water; or 1 1/4 cups to 3 gallons of water.
6	12 1/2 gals. LIQUID LIME SULPHUR to 100 gallons of water; or 3 pints to 3 gallons of water.
7	8 1/3 gals. LIQUID LIME SULPHUR to 100 gallons of water; or 1 qt. to 3 gallons of water.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water when disposing of equipment washwaters. Open dumping is prohibited. STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Keep container in the shade. 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: GLASS- Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

METAL - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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) when used strictly in accordance with 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 in 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: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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