

PM21

802-1

10/16

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

ORIGINAL UNDER LANGUAGE PCL

DEC 6 1993

Ms. Molly Klettke
The Chas. H. Lilly Co.
7737 NE Killingsworth
Portland, OR 97218

S390751	320
	18

Dear Ms. Klettke:

Subject: Amended Labeling
Miller's Liquid Lime Sulphur
EPA Registration No. 802-1
Your Submission Dated January 21, 1991

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following comments:

1. Under Environmental Hazards, revise the first sentence to "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

2. Revise the Storage and Disposal section as follows:

a. Under a subtitle noted as Prohibitions, add "Do not contaminate water when disposing of equipment washwaters. Open dumping is prohibited."

b. Under a subtitle noted as Storage, add "Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Keep container in the shade."

3. This product is subject to the Worker Protection Standard (WPS). Refer to PR Notices 93-7 and 93-11 for compliance instructions. We note that you have not complied with those notices by submitting revised labels bearing the required protective language. Since the release for shipment deadline is near for products not bearing WPS statements, you must insert the required language and immediately resubmit revised labels in accordance with the above PR Notices.

4. Submit one (1) copy of the final printed labeling before you release the product for shipment.

7505C-J. Fairfax: 802-1:11/189 CONCURRENCES							
SYMBOL	7505C	7505C					
SURNAME	J. Fairfax	J. Fairfax					
DATE	12/13/93	12/13/93					

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A stamped copy of the label is enclosed for your records.

Sincerely yours,



Sidney C. Jackson
Acting Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated

802-1

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

MILLER'S
LIQUID LIME SULFUR

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

ACTIVE INGREDIENT:

Calcium Polysulphide 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

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. Wear goggles or face shield and
rubber gloves when handling. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Administer water freely and induce vomiting by sticking
finger down throat. 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. In 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. Do not contaminate water whe
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 highly 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. SHAKE WELL BEFORE USING

RE-ENTRY 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. Oral warnings must be given if written warnings cannot be understood by workers and must be in a language they understand. Give specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, the period of time field must be vacated, and appropriate actions to take in case of accidental exposure. Written warnings must include the following information: "DANGER: Area treated with LIQUID LIME SULFUR on (date of application). Do not enter without appropriate protective clothing until sprays have dried. In case of accidental contact with eyes or skin, flush immediately with plenty of water for at least 15 minutes."

USE PRECAUTIONS

Do not spray straight or diluted LIQUID LIME SULFUR 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. Do not apply this product through any type of irrigation system.

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	1

Scab and Powdery Mildew	swell, just before opening. 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 SULFUR to 100 gallons water; or 2 2/3 pint to 3 gallons water.
2	3 gals. LIQUID LIME SULFUR 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 SULFUR 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 SULFUR to 100 gallons of water; or 3/4 pt to 3 gallons of water.
4	2 1/2 gals. LIQUID LIME SULFUR to 100 gallons of water; or 1 1/4 cup to 3 gallons of water.
5	2 to 2 1/2 gals. LIQUID LIME SULFUR to 100 gallons of water; or 1 1/4 cups to 3 gallons of water.
6	12 1/2 gals. LIQUID LIME SULFUR to 100 gallons of water; or 3 pints to 3 gallons of water.
7	6 2/3 gals. LIQUID LIME SULFUR to 100 gallons of water; or 1 qt. to 3 gallons of water.

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: 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

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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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