

JAN 23 1997

Mr. Gene R. Currie  
Imperial Inc.  
P.O. Box 98  
Shenandoah, IA 51601

Dear Mr. Currie:

Subject: Imperial Lime Sulfur Spray  
EPA Reg. No. 407-401  
Your Submission of December 12, 1996

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) for the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided that you:

1. Submit/cite all data required for registration and reregistration of your product under section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Make the following labeling changes:

a. Add "Do not apply this product through any type of irrigation system." or include required chemigation statements as stated in PR Notice 87-1.

b. Under Note to Physician, correct "mucosal".

c. In the table of equivalents, change "oz." to "fl.oz."

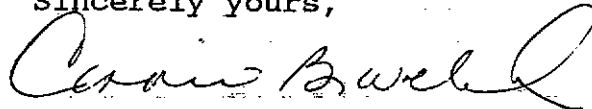
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section

6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



Connie B. Welch  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:1/16/97

3015

OPP ID. NO. 213775

IMPERIAL  
LIME SULPHUR SPRAY

INSECTICIDE AND FUNGICIDE FOR FRUIT TREES,  
SHADE TREES, SHRUBS, ROSES, AND BERRIES

ACTIVE INGREDIENT: Calcium Polysulfide.....	30%
INERT INGREDIENTS.....	70%
Total .....	100%

(Total Equivalent Sulphur in solution 24.9%)

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

Packaged by Imperial Inc. Shenandoah, IA 51601

EPA Reg. No. 407-401

EPA Est. 407-IA 1

J-96WPS

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED - Promptly drink a large quantity of milk, egg white, or gelatin solution or if these are not available, large quantities of water. Do not induce vomiting.
- IF INHALED - Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.
- IF ON SKIN - Wash with plenty of soap and water. Get medical attention.
- IF IN EYES - Flush with a gentle stream of plenty of water for 15 minutes. Gets medical attention.

NOTE TO PHYSICIAN - Probable mucosa damage may contraindicate gastric lavage.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
DANGER

Fatal if swallowed, inhaled or absorbed through skin. This product is corrosive to flesh because of its caustic alkaline nature and it causes irreversible eye damage and skin burns. Do not breathe dust, vapor, or spray mist or get in eyes, on skin, or on clothing.

Personal Protective Equipment:

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants.
- Waterproof gloves .
- Chemical-resistant footwear and socks.
- Protective eyewear .
- Chemical resistant headgear for overhead exposure.
- Chemical resistant apron when cleaning equipment, mixing, or loading.
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
JAN 23 1997

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
407-401

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate, Do not reuse them. Follow manufacturer's instructions for cleaning or maintaining PPE. If no such instructions for washables, use detergent. and hot water. Keep and wash PPE separately from other laundry.

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Engineering controls statement:

When handlers use closed systems, enclosed cabs, or aircraft, in a manner that meets the requirements listed in the Workers 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

**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.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses, 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 wash waters.

**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 requirements specific to your State or Tribe, consult the agency responsible for pesticide application.

**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 apply only 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 area 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 over long-sleeved shirt and long pants.
- Waterproof gloves.
- Chemical resistant footwear plus socks.
- Protective eyewear.
- Chemical resistant headgear for overhead exposure.

**STORAGE AND DISPOSAL**

**STORAGE:** Store product in a secure locked place, inaccessible to children, pets and livestock. Keep container closed. Do not store where product will freeze. Do not contaminate water, food or feed by storage or disposal.

**PRODUCT DISPOSAL:** Pesticide waste are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these waste cannot be disposed of by use according to label instructions, contract your State Pesticide or Environmental Control Agency or the Hazardous Waste representative of the nearest EPA Regional office for guidance.

**CONTAINER DISPOSAL:** Do not reuse container. Rinse thoroughly before discarding in trash.

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DO NOT use on evergreens, Euonymus, rhododendrons, or allow spray to drift on to these susceptible species . DO NOT use an oil spray within three weeks after a Lime Sulphur application . DO NOT spray in heat of day or when temperatures exceed 85 degrees F. DO NOT let spray contact painted surfaces as dark stains or spots may result .

### MIXING TABLE

Amount of Spray Desired	Dormant	Early Spring	Summer Foliage
1 Quart	8 Tablespoons	4 Tablespoons	3/4 Teaspoon
1 Gallon	1 Pint	8 Tablespoons	3 Teaspoons
3 Gallons	3 Pints (6 cups)	3/4 Pint	3 Tablespoons

Table of Equivalents: 3 tsp. = 1 tbs. 2 tbs. = 1 oz. 16 oz. = 1 pint 16 tbs. = 1 cup 2 cups = 1 pint

### DORMANT SPRAY

APPLES, PEARS, PLUMS AND CHERRIES: for Rose and San Jose Scale, use before buds swell in spring. For Pear Leaf Blister mites; delay until bud swell to treat overwintering mites in buds .

PEACHES: for control of Peach Leaf Curl, San Jose Scale, Twig Borer and as an aid in the control of Brown Rot Blossom Blight; apply once in late fall, repeat in spring just before buds swell. Full season control of Brown Rot Blossom Blight will require additional application of a fungicide.

SHADE TREES AND SHRUBS: for control of San Jose Scale, Nectria Canker, Maple Gall, Leaf Blotch, and Olive Scale, and as an aid in the control of Powdery Mildew and Anthracnose; apply once in early spring before buds swell. Do not apply to Evergreens, Euonymus or Rhododendrons or allow spray to drift on these susceptible species. Full season control of Powdery mildew and Anthracnose will require additional application of a fungicide .

### EARLY SPRING SPRAYING

( AS GROWTH STARTS )

ROSES: for control of Rose and San Jose scale, Case Bearers, and Powdery Mildew; apply in Spring, before buds swell and again in Fall after leaves drop.

RASPBERRIES AND BLACKBERRIES: for control of Red Berry Mites and as an aid in the control of Anthracnose, Powdery Mildew and Rust; make one application when canes are 8 to 12 inches high. Repeat in Fall for Red Berry mites. Full season control of Anthracnose, Powdery Mildew, and Rust will require additional application of a fungicide.

### SUMMER FOLIAGE SPRAYING

ROSES: for control of Black Spot, Powdery Mildew, Rust, and Red Spider; Apply at 10 to 15 day intervals in growing season. GRAPES: as an aid in the control of Powdery Mildew and Anthracnose, apply when shoots are 6 to 8 inches long and again after bloom. Existing foliage may be somewhat damaged. Additional applications of a fungicide are necessary for full season control.

PEACHES: as an aid in the control of Brown Rot Blossom Blight. and to help prevent Scab; make an application at petal fall stage. Do not use on Apricots, Currants, or Gooseberries. For control of Powdery Mildew; apply just before and after blooming. Additional application of a fungicide may be necessary for full season control .

### NOTICE

Seller guarantee shall be limited to the terms of the label, and subject thereto, the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

**BEST AVAILABLE COPY**