

55146-48

PM 21

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE REGISTRATION</b> <i>Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended</i>	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NAME AND ADDRESS OF REGISTRANT (include ZIP code):

240900 / 161  
1 / 18

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The registrant is required to submit to the Administrator a copy of the labeling for the product registered under this registration.

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1. Add the phrase "EPA Registration No. 55146-48."

2. Modify "Keep out of lakes, streams, or ponds" to read:

Do not apply directly to water or water bodies (swamps, bays, harbors, and streams).

3. Submit one (1) copy of your final printed label to the Administrator for review before the product is shipped.

**BEST AVAILABLE COPY**

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>Susan Dennis</i>	DATE 11/2/89
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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 constitutes acceptance of these conditions.

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

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Susan Lewis  
Acting Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

AGTROL CHEMICAL PRODUCTS

Houston, Texas 77074

LIQUID LIME-SULPHUR

FRONT LABEL

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

SEP 12 1989

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

55146-48

KEEP OUT OF REACH OF CHILDREN

DANGER-PELIGRO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este  
producto hasta que la etiqueta le haya sido explicada  
apliamente.

SEE BACK LABEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

ACTIVE INGREDIENTS

Calcium Polysulphide.....	29.0%
INERT INGREDIENTS.....	71.0%
TOTAL.....	100.0%

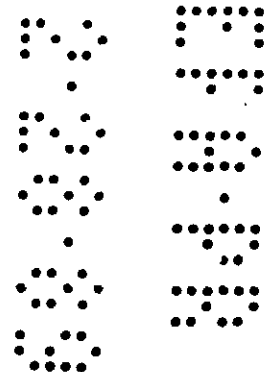
BACME' TEST 31° AT 60° F.

Weight per gallon 10.7 pounds

Net Contents: 5 Gallons

EPA Reg. No. 55146-

EPA Est. No.



DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

LIQUID LIME SULPHUR is prepared for use against certain diseases and pest of crops, livestock and ornamentals as listed below. Unless stated otherwise, dosages are given in terms of gallons per 100 gallons of water and are to be applied as full coverage sprays. Use as directed only when the pests and/or diseases appear.

APPLE: *Scab, Powdery Mildew*, two gallons plus 4 to 5 pounds of ACP WETTABLE SULPHUR. Apply at green-tip, pink-bud and petal-fall. Do not apply during or prior to periods when temperatures are expected to exceed 90° Fahrenheit.

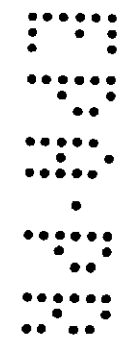
BLACKBERRIES, BOYSENBERRIES, GOOSEBERRIES, LOGANBERRIES: *Red-berry Mite, Boysenberry Mite, Blackberry Leaf Mite, Rose Scale, Oyster Shell Scale, San Jose Scale*, eight gallons. Apply just before the leaf-buds begin to open. If the above application was omitted, apply 5 gallons, when the new growth is 1 1/2 inches long. If a second treatment is needed apply 2 1/2 gallons just before the blossom-buds begin to open.

CHERRY: *Brown Mite, Two-spotted Mite*, one gallon plus 4 pounds ACP WETTABLE SULPHUR. Apply post-harvest.

PEACH, NECTARINE: *Powdery Mildew*, 1/2 to 1 gallon plus 5 pounds ACP WETTABLE SULPHUR. Apply at petal-fall, two weeks after petal-fall and at the beginning of pit-hardening. *Mildew, Rust, Peach Silver Mite*, one gallon or 1 2 gallon plus 5 pounds ACP WETTABLE SULPHUR. Apply after pit-hardening. *Brown Rot of cling varieties in the Sacramento Valley of California only*, two gallons or 2 gallons plus 5 pounds ACP WETTABLE SULPHUR. Apply if rain occurs within the last 3 weeks prior to harvest. Do not apply before rain. Climatic conditions in certain areas may induce severe phytotoxic effects.

PEAR: (All varieties California) *Scab*, 2 to 3 gallons or 2 gallons plus 4 pounds ACP WETTABLE SULPHUR. Apply at green-tip. On Bartlett variety, repeat at cluster-bud. If rain is forecast, apply immediately. *Pear Leaf Blister Mite*, 5 gallons plus 2 gallons light medium emulsion oil. Apply post-harvest in late September or October.

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BEEF CATTLE, DAIRY CATTLE & SHEEP: *Mange (Sarcoptic Mites), Scab (Psoroptic Mites, Chorioptic Mites)*, apply at 7 3 4 gallons for cattle and 6 2 3 gallons for sheep per 100 gallons of water at 95° to 105° Fahrenheit. Apply as a vat dip for 2-3 minutes submerging the animal's head at least once.

DO NOT DIP SICK OR DEBILITATED ANIMALS. Do not dip in cold or stormy weather. Do not dip animals having fresh wounds. Repeat at 7 day intervals as needed. When dipping animals, the vat solution should be changed as soon as it becomes excessively contaminated regardless of the number of animals treated. DO NOT USE dipping solution more than 10 days old. Operators should use rubber or impervious gloves when treating animals.

ROSES: *Black Spot, Anthracnose, Brown Canker*, 6 2 3 gallons. apply as the leaves begin to emerge. *Stem Canker*, 11 gallons. Apply in the fall and again in the spring as the buds begin to open.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER-PELIGRO

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.

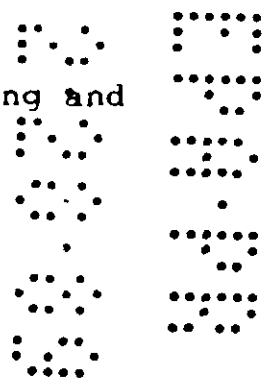
PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor.

If on skin, wash skin thoroughly with soap and water.

If swallowed, give large quantities of water, induce vomiting and see a doctor immediately.



ENVIRONMENTAL HAZARDS

Keep out of lakes, streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from acres treated. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

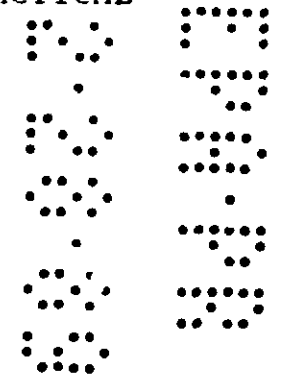
MAY GIVE OFF HIGHLY TOXIC AND EXTREMELY FLAMMABLE HYDROGEN SULFIDE GAS IF MIXED WITH ACIDS.

RE-ENTRY STATEMENT

Do not enter treated area without protective clothing until sprays have dried.

Because certain states may require more restrictive re-entry 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 with this product. (Indicate specific oral warnings which inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER-PELIGRO: (Insert area or field description) treated with LIME SULPHUR on (Date of application). Do not enter without appropriate protective clothing until spray has dried. In case of accidental exposure call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Lime-Sulphur and describe his condition. For further information, see the STATEMENT OF PRACTICAL TREATMENT portion of the pesticide label.



### STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Do not store below temperature of 5°F. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal or excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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.

### USE PRECAUTIONS

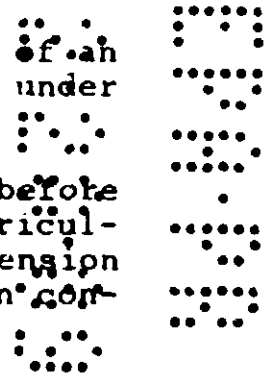
LIQUID LIME-SULPHUR is NOT compatible with Bordeaux mixture, captan, dodine, fixed copper compounds, folpet, organic mercury compounds and many insecticides.

Do not spray straight or diluted Lime-Sulphur against painted surfaces.

LIQUID LIME-SULPHUR may cause severe fruit and foliage injury to certain crops. Some fruits and other plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulphur on any crop unless local use has proved that sulphur does not damage crops in that locality. Do not apply during periods of high temperature or injury to foliage may occur. Do not apply during freezing weather.

LIQUID LIME-SULPHUR should not be used within 10 to 30 days of an oil spray. (Use in oil is recommended on this label under specific conditions.)

When growing crops for processing, consult the processor before applying LIQUID LIME-SULPHUR. Consult with your State Agricultural Experiment Station or your State Agricultural Extension Service for concentrate sprays and for additional information consistent with this label's use precautions and directions.



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Where a range of rates is given, use the higher rate under severe disease conditions, when treating large mature trees or plants, or in accordance with local State Agricultural Experiment Station or Extension Service recommendations.

CHEMIGATION: Refer to supplemental labeling entitled "Chemigation Supplemental Label for Products Bearing the Signal Word DANGER - PELIGRO" for use directions for chemigation. Do not apply this product through any irrigation system unless the supplemental labeling for chemigation is followed.

WARRANTY STATEMENT

AGTROL CHEMICAL PRODUCTS warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

