

PM21

5905-422

File

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MAR 3 1994

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Beverly Neale
HELENA CHEMICAL CO.
6075 POPULAR AVE SUITE 500
MEMPHIS, TN 38119

Subject: Label Amendment Submission of 09/07/93 in Response to PR Notice 93-7
EPA Reg. No. 5905-422
HELENA 90% SULFUR DUST

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/Canoia Ink on paper that
contains at least 50% recycled fiber

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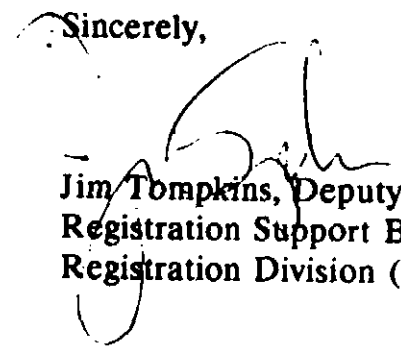
Submit the final printed labeling via the U.S. Postal Service to:

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

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

Beverly Neale
HELENA CHEMICAL CO
6075 POPLAR AVE SUITE 500
MEMPHIS TN 38119

Comment for: EPA Reg Nr.5905-422
HELENA 90% SULFUR DUST

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

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

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90% SULFUR DUST

ACTIVE INGREDIENTS:	BY WEIGHT
Sulfur as elemental	90.0%
INERT INGREDIENTS:	<u>10.0%</u>
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panels for Additional Precautionary Statements

EPA REG. NO.: 5905-422
EPA EST. NO.: 32342-TX-1

NET WEIGHT: 50 LBS. (22.68 Kg.)

**MANUFACTURED BY
HELENA CHEMICAL COMPANY
MEMPHIS, TN 38119**

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 3 1994

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

5905-422

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing vapors, dust or spray mist. Avoid contact with skin, eyes, or clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Give one or two glasses of water and induce vomiting by touching finger to back of throat.

~~**IF ON SKIN:** Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.~~ ← skel

IF IN EYES: Wash eyes with plenty of clear water for 15 minutes. Get medical attention if irritation persists.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- Long-Sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

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.

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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL HAZARD STATEMENT

Keep away from heat, sparks, or flame. Do not smoke while applying this product.

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

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to your State or Tribe, consult the agency responsible for pesticide regulation.

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

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 by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

To be used as a dust without dilution in conventional ground or air equipment. The best hours for dusting are usually between 5:00 p.m. and 9:00 a.m. and when the wind velocity is less than 5 miles per hour. For disease control begin applications before diseases occur or appear and repeat at 7 to 10 day intervals as needed. To assure good control of mites, dust lower leaf surfaces.

Some fruits and other plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proved that sulfur does not damage crops in that locality. Sulfur may burn foliage when the temperature is high (90° or above). Do not use sulfur on Eastern American Type Grapes, Spinach, Apricots or other sulfur susceptible plants. Do not make applications within two weeks before or after an oil spray. For light to moderate infestations use lower amount recommended. For moderate to heavy infestations use higher of recommended amounts.

When growing crops for processing, consult the processor before applying sulphur.

DIRECTIONS

ALFALFA (Seed): Spider Mites - 20 to 25 lbs. per acre. Do not apply during blooming period in desert areas.

ALMONDS, CURRANTS, FIGS, HOPS, PLUMS, PRUNES, WALNUTS: Almond Mite, European Red Mite, Common Red Spiders and Pacific Mite - 50 lbs. per acre. Dust when Spiders begin to multiply in large numbers. Since the effectiveness of sulfur for these Red Spiders varies in different localities, State Agricultural Experiment Stations should be consulted as to the effectiveness before application.

ASPARAGUS: Rust - 15 to 20 lbs. per acre. Dust after cutting stops. Irrigate, cultivate, then apply the sulfur. Repeat if disease is severe.

BEANS, PEAS: Common Red Spiders and Pacific Mite - 15 to 20 lbs. per acre. Dust when Spiders begin to multiply in large numbers. Since the effectiveness of sulfur for these Red Spiders varies in different localities, State Agricultural Experiment Stations should be consulted as to the effectiveness before application.

BEANS, CURRANTS, DAHILAS, PEAS, PEACHES, ROSES, STRAWBERRIES: Powdery Mildew - 15 to 20 lbs. per acre on beans, dahilas, peas and strawberries, 30 to 40 lbs. per acre on Roses, 50 lbs. per acre on currants and peaches. Dust when disease appears and re-treat as necessary. Check for plant safety before treating commercially.

CHERRIES: Leaf Spot and/or Brown Rot - 40 to 45 lbs. per acre. Make first application at Pink Bud State, repeat at petal fall and shuck fall stages. Repeat as necessary through growing season.

CITRUS: Citrus Red Spider, Two Spotted Mite, Thrips - 80 to 100 lbs. per acre. Dust when infestation threatens.

COTTON: Atlantic Mite, Pacific Mite, Two Spotted Mite - 25 to 35 lbs. per acre. Dust when infestation threatens.

GRAPES: Powdery Mildew - 7 to 15 lbs. per acre. Dust first when shoots are 6 inches long. Follow a dusting program of applications each 7 to 10 days.

MELONS: Powdery Mildew - 10 to 20 lbs. per acre. May be controlled by dusting, but the sulfur often injures the vines, particularly if the temperature reaches 95°F. Treat when disease first appears and re-treat as necessary. Do not use on sulfur sensitive varieties.

PEACHES, PLUMS, PRUNES: Brown Rot - 50 lbs. per acre. Put on a preventative dusting when the fruit starts to ripen. This often reduces the severity of the disease. Rust - Apply 50 lbs. per acre during summer when disease appears. Repeat after 2 weeks if necessary.

SUGAR BEETS: Spider Mites - 30 to 40 lbs. per acre. Apply when infestation threatens.

TOMATOES: Russet Mite, Two Spotted Spider Mite - 20 to 50 lbs. per acre. Because of sulfur, first obtain permission from your canner or processor before using it on tomatoes intended for sale to such canner or processor.

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NOTICE OF WARRANTY

WARRANTY AND LIMITATION OF DAMAGES. Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonable fit for the purpose referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other expressed or implied warranty, including any other expressed or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential damages, such as loss of profits or value, etc.