

301 121069
3

JUN 22 1984

FMC Corporation
Agricultural Chemical Division
2000 Market Street
Philadelphia, PA 191003

Attention: N. M. Cuirle

Gentlemen:

Subject: Captan - Sulfur 10-50 Dust
EPA Registration No. 279-2152
Your Letter Dated April 17, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted at the next printing.

1. Add "or wetlands" to "Do not apply directly to water."
2. Add the heading "Reentry Statement" before reentry information.

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

Sincerely yours, 

Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767)

Enclosure

DCR-17081:Jacobys:Raven:557-2226:tar:RD-15:5/16/84:Del.6/2/84

COPIES

SYMBOL									
SURNAME									
DATE									

EPA Form 347-49 OFFICIAL FILE COPY

Code: 30411

Net Weight
50 Pounds

CAPTAN SULFUR 10-50 DUST

FUNGICIDE

For Agricultural or Commercial Use Only.

EPA REGISTRATION NO. 279-2152 ZA

EPA Est. 279-_____

Active Ingredients:

	<u>By Wt.</u>
Captan: (N-[(Trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide)	9.50%
Related Derivatives	0.50%
Sulphur	50.00%

Inert Ingredients:

40.00%
<u>100.00%</u>

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 22 1984

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
279-2152

(N-[(trichloromethyl)thio]-4-cyclohexene-1,2-dicarboximide)

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 ampliamente.

Statement of Practical Treatment

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. If swallowed, give a large amount of water to drink, make person vomit, and call a doctor. If on skin wash with soap and water.

For Emergency Assistance Call 718-735-3765.

See Other Panels for Additional Precautionary Information.

FMC.

FMC Corporation
Agricultural Chemical Group
2000 Market Street
Philadelphia Pennsylvania 19103

PRECAUTIONARY STATEMENTS
Hazards to Humans (and Domestic
Animals)

Danger

Causes irreversible eye damage. May cause allergic skin reactions. Harmful if swallowed or inhaled. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing and breathing of dust. Remove and wash contaminated clothing before reuse.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water. Do not apply where runoff may occur. Do not apply when wind conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

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 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 for 24 hours.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (a) of closely woven fabric covering the body, including the arms and legs, shoes and socks.

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 with this product. 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. An example of such information is given under written warnings. 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

Area treated with Captan Sulfur 10-50 Dust on (insert date). Do not enter without appropriate protective clothing for 24 hours.

(Insert State Department of Agriculture's re-entry interval, if more restrictive)

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

BEST DOCUMENT AVAILABLE

Storage and Disposal

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC collect (716) 735-3764.

To contain spill: If liquid, dike surrounding area & absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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 into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Dealers Should Sell in Original Packages Only.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: FMC makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

Use of Product: FMC's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

May be applied with ground or airplane application equipment.

Cherries: Brown Rot, Cherry Leaf Spot—Use 40-60 pounds per acre. Apply at first sign of disease. Repeat at regular intervals as necessary to maintain control.

Peaches, Nectarines: Brown Rot, Powdery Mildew, Peach Scab—Use 40-50 pounds per acre. Apply at first sign of disease. Repeat at regular intervals to maintain control.

Plums, Prunes: Brown Rot, Prune Rust—Use 40-50 pounds per acre. Apply at first sign of disease. Repeat at regular intervals as necessary to maintain control.

Strawberries: Gray Mold, Powdery Mildew—Use 20-40 pounds per acre. Apply at first sign of disease. Repeat at regular intervals as necessary to maintain control.

Grapes: Powdery Mildew, Botrytis Rot (Slip Skin or Gray Mold)—Use 20-30 pounds per acre. Treatment for control of Powdery Mildew should be started after growth starts in the spring and be repeated as necessary. Ground application equipment preferred. To control Botrytis Rot starting July 1 to July 15, apply 4 dusts at 3-4 week intervals. Apply to every row and direct toward the clusters. The first application should be made while the clusters are still loose. To be effective, dusts must be applied before rains. Whenever rain threatens apply an additional dust. Applications following rainfall have been of very little benefit in controlling slip skin.

Tomatoes: Early Blight, Late Blight, Anthracnose, Septoria Leaf Spot, Russet Mite—On young plants use 25-30 pounds per acre. On mature plants use 35-40 pounds per acre. Begin applications when disease or mites first appear and repeat as necessary.

Potatoes: Early and Late Blight—Use 25-30 pounds per acre. Begin applications when plants are 2 to 4 inches high and repeat as necessary.

Ornamentals, Roses: Black Spot, Powdery Mildew, Rust. **Carnations:** Powdery Mildew, Rust, Leaf Spot. **Chrysanthemums:** Flower Blight, Powdery Mildew, Rust. Apply at first sign of disease and repeat as necessary. Dust for complete coverage.

FMC-FMC Trademark

EPA Reg. No. 779-2152

3/84

Page 3 of 3