



CAPTAN 4 FLOWABLE

Aqueous Suspension

Agricultural Fungicide

ACTIVE INGREDIENT:

CAPTAN N- (trichloromethyl) thio -4-cyclohexene-1	
2-dicarboximide	38.5%
INERT INGREDIENTS	61.5%

(CONTAINS 4 LBS. CAPTAN PER GALLON)

**KEEP OUT OF THE REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.
IF IN EYES: Immediately flush eyes with plenty of water and get medical attention.
IF ON SKIN: Immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. If irritation develops, send for a physician.

See Side Panel For Additional Precautionary Statements.

EPA Registration No. 19713-156
EPA Est #19713-MS-1

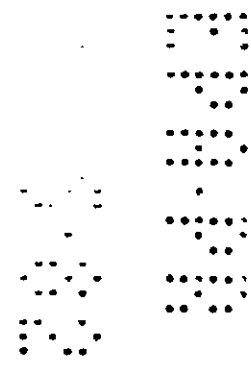
Net Content:

Manufactured by: Drexel Chemical Company
Memphis, Tennessee 38109

ACCEPTED
with COMMENTS
EPA Letter Dated:

DEC 13 1982

Under the Federal Insecticide, Fungicide, and Herbicide Act as amended, for the pesticide registered under EPA Reg. No. 19713-156.



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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

CAUTION: HARMFUL IF SWALLOWED. Avoid Breathing of Spray. Do Not Take Internally. Avoid Contact with Skin and Eyes. Causes moderate eye irritation. Wear regular long-sleeved work clothing. Change to clean clothing daily. Wash hands and face before eating. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of waste.

This product is toxic to fish. Keep out of lakes, streams and ponds.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

GENERAL INFORMATION

CAPTAN 4 FLOWABLE is an aqueous suspension for use in water as a spray for the control of certain fungus diseases of fruit and vegetables.

THIS FORMULATION IS NOT SUITABLE FOR USE AS A SEED PROTECTANT.

Observe Use Limitations Given On the Label For Specific Crops.

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals. Do not apply or allow to drift onto adjoining food, fiber or pasture crops. The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.

Consult State Agricultural Experiment Stations or the State Agricultural Extension Service for additional information, as the timing, number, and rate of applications needed will vary with local conditions.

DIRECTIONS FOR USE

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

Where a range of dosages is indicated use the lower rate for mild infestations and the higher rate for heavy infestations.

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BEFORE USING MIX CONTENTS THOROUGHLY - STIR OR ROLL: Pour recommended amount of this material into nearly filled spray tank. Add balance of water. Maintain agitation during filling and spraying operations. Do not allow mixture to stand. Use a screen not finer than 50 mesh in entire system. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven them to be physically compatible and safe to plants.

RECOMMENDATIONS

Unless otherwise stated, dosage rates on this label are given in terms of CAPTAN 4 FLOWABLE per 100 gallons of water.

ALMONDS: Brown rot, scab, shot hole - Apply 1 - 1½ quarts at popcorn, bloom and petal fall stages.

APPLES (Western Areas) Apple Scab - Captan is most effective when used in a protective schedule where the spray is applied before infection occurs. Primary infection of apple scab may occur at any time during and after the green tip stage if over-wintering scab is mature and there is sufficient moisture to discharge spores. Thorough coverage is necessary for best results, especially in the pre-pink and pink stage spray applications. Danger from primary infection may extend through the time of the first cover spray. In pre-blossom sprays, use 1 quart per 100 gallons of water in high volume application. In low volume sprays, apply 2½ gallons per acre. In mid-summer, the dosage may be reduced to ½ quart per 100 gallons in high volume application, or 1½ gallons per acre in low volume sprays. Bitter rot, black rot, Botryosphaeria, black pox, bull's eye rot: Use 1 quart per 100 gallons. Make 1 or 2 applications with late cover sprays and 1 or 2 preharvest applications.

APRICOTS: Brown rot (twig blight), Jacket Rot - Use 1 quart. Apply at bloom, red bud stage and repeat at 75 percent petal fall.

CHERRIES (Western Areas): Brown rot, cherry leaf spot - Use 1 quart. Apply at pre-bloom, bloom and petal fall. For severe infection, use 2 quarts. Repeat in cover sprays.

CITRUS (Grapefruit, Lemon, Lime, Orange): Brown Rot - Use 1 to 2 quarts. Apply to skirts of trees prior to winter rains. Wet tree thoroughly up to 3 to 4 feet. Repeat application after 10 weeks.

CAUTION: Do not feed citrus by-products to dairy animals or animals being finished for slaughter.

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GRAPES (Western Areas): Grape Deadarm Disease in California - Use 2 quarts. Apply a minimum of 200 gallons of spray per acre. Start when new shoots are 3 - 4 inches long and before the first infective rains. Make second spray when shoots are 12 - 15 inches long, and a third spray before the bunches close. Black Rot - Use 1 quart. Make two sprays before bloom and just after bloom. Follow with at least 3 cover sprays before the bunches close.

NECTARINES, PEACHES (Western Areas): Coryneum Blight (peach blight), brown rot, scab - Use 1 quart. Apply at pink bud, full bloom and petal-fall stages. Repeat at 10 - 14 day intervals after petal-fall. Also, make late fall applications for Coryneum Blight.

PLUMS, PRUNES (Western Areas): Brown Rot - Use 1 quart. Apply at red bud or popcorn stage. Repeat at bloom and 75% petal-fall stages. Also repeat later in season as conditions warrant.

STRAWBERRIES: Botrytis Fruit Rot - Use 1 - 1½ quarts. Apply 200 gallons of spray per acre or an equivalent of 2 - 3 quarts per acre in sufficient water for even coverage. Make first application when new growth starts in the spring before the fruit starts to form. Repeat at weekly intervals. Under severe infection conditions make continuous applications through harvest period, treating immediately after each picking.

ASPARAGUS PREPLANTING ROOT DIP (For Damp-Off Control) - 1½ quarts per 100 gallons water (1 tablespoonful per gallon). Dip root sections for 1 minute, drain and plant.

BEANS, PEAS: Damping-off (Beans only) - Root Rot Fungi - Apply 5 to 6 quarts per acre as a broadcast treatment, working into top 3 to 4 inches of soil or apply 2½ to 3 quarts per acre in the row at time of planting.

CANTALOUPE, CUCUMBERS, PUMPKINS, SUMMER SQUASH AND WINTER SQUASH, WATERMELONS: Angular Leaf Spot, Anthracnose, Downy Mildew - Use 1 quart per 100 gallons water, or apply 2 quarts per acre in sufficient water for good coverage. Apply at first sign of disease and repeat at 5 - 7 day intervals or as needed to maintain disease control.

CARROTS: Septoria Leaf Spot, Cercospora Blight - Use 1 quart per 100 gallons water and apply the equivalent of 2 quarts per acre. Apply at first sign of disease and repeat at 6 - 10 day intervals.

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POTATO DISEASES: Early and Late Blight - Use 1 quart per 100 gallons water, or apply $1\frac{1}{2}$ - 2 quarts per acre in sufficient water for good coverage. Severe Infection Conditions: Use 2 quarts per 100 gallons or apply $2\frac{1}{2}$ - 3 quarts per acre in sufficient water for good coverage. Apply at first sign of infection and repeat at 5 - 7 day intervals or as needed to maintain control.

SPINACH -(Direct Seeded): Seed Furrow Application (For Damping-off Control) - Use $2\frac{1}{2}$ to $3\frac{1}{2}$ quarts in 30 gallons water per acre. Direct the suspension into the seed furrow over the seed. Close and pack the furrow in the usual manner. May be used throughout the year.

TOMATOES: Anthracnose, Early Blight and Late Blight, Gray Leaf Spot, Septoria Leaf Spot - Use 1 quart per 100 gallons of water, or apply 2 - 3 quarts per acre in sufficient water to provide good coverage. Severe Infection Conditions: Use 2 quarts per 100 gallons of water, or apply 3 - 4 quarts per acre with adequate water. Apply at first sign of infestation and repeat at 5 - 7 day intervals or as needed to maintain control.

POST HARVEST DIP - For Stored Fruit & Vegetables: Captan can be used as a post-harvest dip or wash on the following crops for prevention of various rots and molds (Rhizopus, Botrytis, Gleosporium) during storage: Apples, apricots, cantaloupes, cucumbers, grapes, lemons, limes, mangoes, nectarines, onions (green and bulk), oranges, peaches, pears, potatoes, tangeloes and tangerines. Dilution Rate: Use $1\frac{1}{4}$ quart per 100 gallons water. Apply as a spray or in dip tank. When used as a dip, recharge wash solution periodically as volume in tank is depleted. When tank volume is reduced 25%, bring water back to volume adding $\frac{3}{8}$ quart Captan 4 Flowable for every 25 gallons of water added. At end of every 8-hour shift, empty tank, flush and charge with fresh dilution. Do not allow dip tank solution to stand overnight. Maintain continuous agitation during dipping operation. **CAUTION:** Do not feed citrus by-products to dairy animals or animals being finished for slaughter.

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STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL:

Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL:

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Drexel warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Drexel makes no other warranties, express or implied, including FITNESS OR MERCHANTABILITY. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

 **Drexel Chemical Company**
P.O. BOX 8888, MEMPHIS, TENN. 38108

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (MH-567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE DEC 13 1982
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
[10001 Chemical Company P.O. Box 100 2437 Pennsylvania Street Fort Hill, PA 17104-1100		161 83525 18 1
<p>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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit any/ all data and records for registration/reregistration of your product under FIFRA sec. 3(c)(7) when the Agency requires all registrants of similar products to submit such data. 2. Place the labeling on your label(s) for your product in the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Registration No. 171-146." b. Submit five (5) copies of your final printed pesticide label(s) you wish to be placed on your product. Label(s) must be prepared for a further description of final printed label(s). <p>If the Agency or you are not completely satisfied with the information submitted pursuant to paragraph 1 or 2, it is necessary to file FIFRA sec. 3(c). Your release of all part of the product is subject to the above conditions.</p> <p>Get one copy of the label(s) for each of your product(s).</p> <p style="text-align: right;"> U.S. Environmental Protection Agency Office of Pesticides Programs Registration Division Washington, D.C. 20460 </p> <p> <input type="checkbox"/> ATTACHMENT IS APPLICABLE </p>		
SIGNATURE OF APPROVING OFFICIAL		DATE