

UNIROYAL Captan 50W FUNGICIDE

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER:

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.



ACCEPTED
Per self Outfit
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STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of 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:

Bags: 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.

Fiber Drum: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

400-157

COMPOSITION	
Active Ingredients: (% by weight)	
Captan (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide)	47.8%
Related Derivatives	1.1%
Inert Ingredients:	51.1%
Total:	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

PELIGRO

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

STATEMENT OF PRACTICAL TREATMENT:

- IF IN EYES: Flush with plenty of water. Call a physician.
- IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. **Do not induce vomiting or give anything by mouth to an unconscious person.**
- IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.
- IF ON SKIN: Wash thoroughly with soap and water.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

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Middlebury, CT 06749
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EPA EST. NO.
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NET WEIGHT:

REENTRY STATEMENT

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 allow persons to enter treated areas within 4 days following application unless a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet and chemically resistant gloves are worn.

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. 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 or oral warnings must include the following information:

"DANGER" "Area to be treated with captan on [date of application]. Do not enter without appropriate protective clothing within 4 days. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid recommendations."

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 through any type of irrigation system.

Agricultural Uses:

Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse:

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles or a face shield and a chemically resistant apron.

A dust mask must be worn when mixing and loading this product.

During application only, from a tractor with a completely enclosed cab a long sleeved shirt and long legged pants must be worn. Chemically resistant gloves must be available in the cab and worn while exiting.

Fieldworkers and harvesters must wear chemical resistant gloves. Leather or fabric gloves are not acceptable.

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

Homeowner Uses:

Wear goggles or face shield when handling. Remove contaminated clothing and separately launder clothing before reuse.

Wear chemical resistant gloves when handling indoors or outdoors. When using wear long pants and long-sleeved shirt and apply with the wind to your back. Wash non-disposable gloves thoroughly with soap and water before removing.

Greenhouse Uses:

Only the applicator is permitted to be in the greenhouse during application of captan to soil. Open vents to greenhouse during application and for at least one hour after application.

Workers planting in captan-treated soil in greenhouses must wear gloves impermeable to captan.

MIXING INSTRUCTIONS

Pour recommended amount of this material on surface of water in nearly filled spray tank or pre-mix in a bucket half filled with water and pour mixture through screen into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

COMPATIBILITY

Captan 50-W can be used at recommended dosages in accordance with spray schedules or recommendations by State or Experiment Station personnel. Do not combine with oil and strongly alkaline materials such as Hydrated Lime, which reduces the fungicidal activity. Do not use this product in combination with, immediately before or closely following an oil spray, or with solvent formulations of Parathion products.

Captan 50-W is a microfine wettable powder for use in water as a spray for the control of certain fungus diseases of fruit, vegetables and ornamental crops, and as a soil treatment for the control of certain seed rots and damping-off diseases. Spray injury may result if captan is used with, immediately before or closely following an oil spray.

USE RECOMMENDATIONS

The dosage rates on this label indicate pounds of Captan 50-W per 100 gallons of dilute spray unless otherwise stated.

Consult state Agricultural Extension Service authorities for specific information as the timing, number and rate of applications will vary with local conditions.

FRUIT CROP USES

✓ **APPLES** — *scab*: For primary infection use 1.5 to 2 lbs./100 gallons. Apply in prebloom, blossom, petal-fall and first cover periods. For secondary infection use 0.5 lb./100 gallons. Apply in cover periods. *Bitter rot, black rot, frog-eye leaf spot, black pox, botryosphaeria* (white rot): 2 lbs./100 gallons. Apply in late cover and preharvest periods. *Botrytis rot, bullseye rot*: 2 lbs./100 gallons. Apply in first and second cover sprays and in 1 or 2 preharvest sprays or as needed at 5 to 7 day intervals from prebloom through early cover periods. *Brooks fruit spot, flyspeck*: 0.5 to 2 lbs./100 gallons. Apply in cover periods. *Sooty blotch*: 2 lbs./100 gallons. Apply in cover periods. Captan 50-W should not be used in combination with or closely following or in alternation with wettable sulfur products on sulfur-sensitive varieties of apples such as Red Delicious, Stayman, Baldwin, King, etc., as severe foliage injury and defoliation may occur.

Note: Red Delicious and other sensitive varieties may be injured by early season applications.

CHERRY — *brown rot, leaf spot*: 2 lbs./100 gallons. Apply in the full pink, bloom, petal-fall, shuck, cover and preharvest sprays. Applications at 3 to 4 day intervals may be necessary during bloom to control blossom blight. Repeat applications at 7 to 10 day intervals as needed to maintain cover up to start of harvest. Post harvest sprays - Use 2 lbs./100 gallons immediately after harvest for leaf spot. Repeat applications in 10 to 14 days.

✓ **GRAPE** — *downy mildew, black rot*: Use 2 lbs./100 gallons just before bloom, just after bloom and 7 to 10 days after bloom. Make an additional application 2 to 3 weeks later for downy mildew. *Dead arm*: (current season infections) Use 4 lbs./100 gallons of diluted spray. Apply 50 gallons per acre when shoots are 1 to 2 inches long. Repeat application when shoots are 4 to 6 inches long.

PEACH — (preharvest) *brown rot, rhizopus, scab*: 2 lbs./100 gallons. Apply in pink, full bloom, shuck shed, cover and preharvest periods. *Brown rot* (blossom blight): 2 lbs./100 gallons. Apply at 3 to 4 day intervals during bloom. *Coryneum blight*: 2 lbs./100 gallons. Apply in pink bud, full bloom, petal-fall and cover periods as necessary and as a fall foliage spray.

PEAR — (preharvest) *fruit spot, scab* (primary infections): 2 lbs./100 gallons. Apply in pink, petal-fall and first two cover periods. *Scab* (secondary infection): 2 lbs./100 gallons. Apply in cover periods. Notes: Do not use on D'Anjou pears. Russetting may be produced on Bosc pears.

PLUMS, PRUNES — *brown rot*, 2 lbs./100 gallons. Apply at red bud, 75 percent bloom, petal-fall and in cover sprays as necessary. *Russet or lacy scab*: 2 lbs./100 gallons using 400 gallons/acre. Apply at blossom.

✓ **STRAWBERRIES** — *botrytis rot (gray mold) leaf spots*: 3 lbs./100 gallons, using 200 gallons per acre. Begin at new growth. Repeat at 7 day intervals through picking and after harvest.

VEGETABLE CROP USES

CANTALOUPE, CUCUMBER — *angular leaf spot, anthracnose, downy mildew*: Use 4 lbs. per acre in sufficient water for thorough coverage. Begin applications at first signs of infection and repeat at 5 to 7 day intervals or as needed to maintain control.

POTATO SEED-PIECE TREATMENT — *seed rot, damping-off*: Use 2 to 3 lbs. per 100 gallons water. Dip seed pieces in the solution before planting. Cut pieces should be treated within 6 hours of cutting. If planting is to be delayed more than 1 to 2 days, treated pieces should be stored for 2 days in open crates to allow air drying before bagging.

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TOMATO — *anthracnose, early and late blight, gray leaf spot, septoria leaf spot*: Use 4 to 6 lbs. per acre in sufficient water for thorough coverage. Under infection conditions use 6 to 8 lbs. per acre in sufficient water for thorough coverage. Apply at first signs of infection and repeat at 5 to 7 day intervals or as needed to maintain control.

OTHER USES

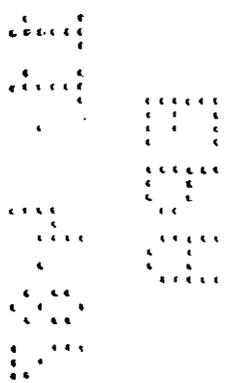
SOIL AND GREENHOUSE BENCH PREPLANTING TREATMENT (ornamentals) — *damping-off, root rots (on seedlings and transplants)*: 0.2 to 0.4 lb. as a dust/1000 square feet (10 to 12 lbs./acre). Work into upper 3 to 4 inches of soil before planting.

AZALEAS, CARNATIONS, CHRYSANTHEMUM — *damping-off of cuttings*: 4 lbs./100 gallon. Dip cuttings before bedding.

CARNATION — *alternaria leaf spot, rust*: **CHRYSANTHEMUM** — *Botrytis flower blight, septoria leaf spot*: **ROSES** — *black spot, botrytis blossom blight*: 2 lbs./100 gallons. Begin at first growth or first sign of disease. Repeat at 7 to 10 day intervals, and more frequently during frequent rains and heavy dews.

GRASSES (ornamental in nonpastured areas only) — *leaf spot, damping-off, brown patch, copper spot, melting out, seedling blights and brown spot on St. Augustine grass*: 2 lbs./100 gallons applying 10 gallons per 1000 square feet. (For smaller amounts, mix 8 teaspoonsful per gallon of water and apply 1 gallon per 100 sq. feet of turf). Begin when growth starts in spring. Repeat at 7 to 14 day intervals throughout season. Limit: Do not graze treated areas. Do not feed clippings to livestock.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.



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