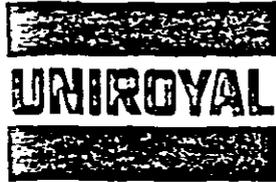


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# UNIROYAL Captan 50W FUNGICIDE

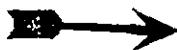


**ACCEPTED**  
SEP 18 1986  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 400-157

### COMPOSITION

Active Ingredients: (% by weight)	
Captan (N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide) .....	50.0%
Inert Ingredients: .....	50.0%
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 SWALLOWED: Induce vomiting and see a physician.
  - IF INHALED: See a physician if an abnormal reaction occurs.
  - IF ON SKIN: Wash thoroughly with soap and water.
  - IF IN EYES: Immediately flush eyes with plenty of water. See a physician.
- SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

Uniroyal Chemical Company, Inc.  
Middlebury, CT 06749

5-8-86

EPA REG. NO. 400-157

EPA EST. NO.

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Lot. No.

NET WEIGHT:

**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. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Remove and separately launder clothing before reuse.

**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.

**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.

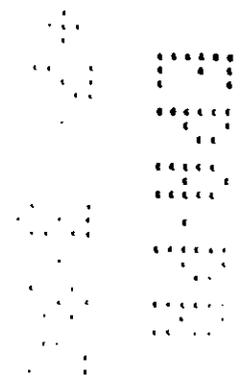
**Fiber Drum:** Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused,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

ENDANGERED SPECIES RESTRICTIONS

The use of this product in a manner which may harm endangered species or adversely modify their habitat is prohibited by Federal law. The following endangered species and the general location of their habitats have been identified by county:

- Slackwater Darter,           Alabama (Lauderdale, Limestone and Madison)  
  Tennessee (Lawrence and Wayne)
- Pecos gambusia.           New Mexico (Chaves and Eddy)  
  Texas (Reeves, Jeff Davis and Pecos)
- Freshwater Mussels        Tennessee (Hancock Claiborne, Hawkins and Sullivan)  
  Virginia (Smyth, Scott, Lee, Washington and Grayson)
- Comanche Springs  
  Pupfish,                    Texas (Reeves and Jeff Davis)

Prior to use of this product in the above counties you must determine that these species are not located in, or immediately adjacent to, the areas to be treated with captan. Consult your regional U.S. Fish and Wildlife Service office (Endangered Species Specialist) or State Wildlife Agency if there is any doubt as to the areas where the outdoor use of captan is prohibited.



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 protective clothing is worn. Conspicuously post reentry information at site of application.

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 rotate a foliar treated crop with crops other than those with registered captan uses.

USE PRECAUTIONS

Agricultural Uses:

Mixers, loaders, and applicators, when mixing, loading, and applying, must wear mid-forearm to elbow-length natural or synthetic rubber, vinyl, or plastic gloves impermeable to captan; boots or overshoes; one-piece overalls which have long sleeves and long pants; face shield or goggles and a hat or other appropriate head covering.

Fieldworkers and harvesters must wear natural or synthetic rubber, vinyl, or plastic gloves impermeable to captan residues. Leather or fabric gloves are not acceptable.

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

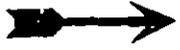
Applicator's protection may also be obtained by use of an enclosed tractor cab with a properly filtered air supply.

Clothing worn while loading, mixing, and applying this product must be laundered separately from other clothing before reuse. Clothing that may have been drenched or heavily contaminated must be disposed of in accordance with State and local regulations.



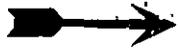
Homeowner Uses:

Wear natural or synthetic rubber, vinyl, or plastic gloves impermeable to captan when using indoors or outdoors. When using outdoors wear long pants and long-sleeved shirt and apply with the wind to your back. Wash nondisposable gloves thoroughly with soap and water before removing. Clothing worn while handling this product must be laundered separately from other clothing before reusing.



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 1 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 full bloom.

RASPBERRIES — *anthracnose, botrytis, spur blight*: 2 lbs./100 gallons. Apply at bloom or when new shoots are 8 to 10 inches long. Repeat 2 weeks later. Apply fall spray after canes are removed. *Fruit rot*: 2 lbs./100 gallons. Apply 3 to 5 days before harvest starts. Repeat at midharvest and 8 to 10 days later.

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

ASPARAGUS — *botrytis, root rots, phoma rot, penicillium rot, fusarium*: 3 lbs./100 gallons. Preplanting root dip for 1 minute, drain, plant. For smaller amounts mix 4 tablespoonsful per gallon.

CANTALOUPE, CUCUMBER, PUMPKIN, SUMMER and WINTER SQUASH, WATERMELON — *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.

POTATOES (preharvest) — *early and late blights*: 4 lbs./100 gallons. Begin when plants are 2 to 4 inches high. Repeat at 5 to 7 day intervals throughout season.

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.

POTATO STORAGE ROT CONTROL: Dip washed and rinsed potatoes prior to storage in a slurry of 2 lbs. per 100 gallons of water. Dry and store.

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

PACKING BOXES (for fruits and vegetables) — *reduction of storage rots, molds due to Rhizopus, Botrytis, Cloeosporium*: 2 lbs./100 gallons. Spray or dip boxes prior to packing. If applied as a dip, keep solution agitated continuously. Change dip tank solution after each 8-hour shift.

SOIL AND GREENHOUSE BENCH PREPLANTING TREATMENT (ornamentals and vegetables) — *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 gallons. 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 teaspoonful 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.

SEED TREATMENT

BEANS, CABBAGE, CORN, MELONS, PEAS, SQUASH (*seed rot, damping-off*): ½ to 1 teaspoonful per pound of dry seed.

BEETS, CHARD, SPINACH, GRASS (*seed rot, damping-off*): 1½ to 2 teaspoonful per pound of dry seed. Mix thoroughly in paper bag or glass jar.

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.