



# CAPTAN 80 WP

AUG - 4 1994

34704-430

## Fungicide

### For Agricultural or Commercial Use Only.

<b>ACTIVE INGREDIENT:</b>	<b>By Wt.</b>
*Captan .....	78.22%
Related Derivatives .....	1.78%
<b>INERT INGREDIENTS:</b> .....	20.00%
	<b>TOTAL 100.00%</b>

\*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide

## KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

EPA REG. NO. 34704-430

EPA EST. NO. \_\_\_\_\_

NET WEIGHT 50 LBS. (22.68 KG)

39375

EXP06G94

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & 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.

#### Personal Protective Equipment:

**Applicators and other handlers (other than mixers and loaders) must wear:** long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear.

**Mixers and loaders must wear:** long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical-resistant apron when mixing or loading and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning and 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 with 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

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing

## STATEMENT OF PRACTICAL TREATMENT

**If in eyes:** Flush with plenty of water. Call a physician.

**If swallowed:** Call physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol. Do not 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 with plenty of soap and water. Get medical attention if irritation persists.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources.

## 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 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), notification to workers, and restricted-entry interval. The requirements in this box 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 4 days.

Exception: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil or water, without time limit, if they wear the early-entry personal protective equipment listed below.

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 and protective eyewear.

## STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Not for use or storage in or around the house. 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.

**To confine spill:** If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal.

# BEST AVAILABLE COPY

**CAPTAN 80 WP**  
**EPA REG. NO. 34704-430**

**Storage and Disposal, Cont'd.**

Place damaged package in a holding container. Identify contents.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. 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:** 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.

Do not treat areas while unprotected humans or domestic animals are present in the treatment area.

Do not apply this product through any type of irrigation system.

**Mixing Instructions:** Fill the spray tank one-fourth to one-third full with clean water. Start agitation (proper agitation creates a rippling or rolling action on the liquid surface). Add CAPTAN 80 WP at the recommended rate. Mix thoroughly. Add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture.

**Note:** For concentrate sprayer applications, the same quantity (per acre) of CAPTAN 80 WP, as would be normally applied when spraying dilute mixture, should be applied to each acre in sufficient water for coverage. Except as specified, begin applications before or at the first sign of disease. Repeat applications as necessary to maintain control but observe use limitations.

For orchard crops, use the higher rate as disease potential increases. Applications may be made using either air or ground application equipment, unless otherwise specified within crop claims. The maximum permissible rate per acre, per application of this product, is given in parentheses, ( ), after crop claim.

**Almonds:** Brown Rot, Shot Hole, Scab, Leaf Blight—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at popcorn, bloom, petal fall stages and up to 5 weeks after petal fall. May be used up to 12 days of harvest if hulls are not fed to dairy animals or animals being finished for slaughter.

If hulls are to be fed to dairy animals or animals being finished for slaughter, do not apply within 30 days of harvest. (5.6 pounds)

**Apples:** Primary Scab Infestation—1-1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at 5-7 day intervals, as needed, to maintain cover in prebloom, bloom, petal fall and first cover sprays. Secondary Apple Scab, Brooks Fruit Spot, Flyspeckling, Bitter Rot, Black Rot, Botryosphaeria, Black Pox, Bull's Eye Rot, Botrytis Rot— $\frac{3}{4}$  to 1 $\frac{1}{2}$  pounds per 100 gals. spray at 10 to 14 day intervals in second and later cover sprays up to start of harvest. Use the higher rate when disease potential is moderate to severe, otherwise, use the lower rate. (5 pounds)

CAPTAN 80 WP 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, Staymen, Baldwin, King, etc., as severe foliage injury and defoliation may occur.

Foliage injury may at times occur in Red Delicious, Winesap and other sensitive varieties of apples in early season sprays.

**Apricots:** Brown Rot (Twig Blight), Jacket Rot—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at red bud stage, bloom, and repeat at 75 percent petal fall, and cover stages.

Applications may be made using ground application equipment only. (3.1 pounds)

**Blueberries (Western U.S.) (except California):** Botrytis Blossom Blight and Fruit Rot, Mummy Berry. Apply 1 $\frac{1}{2}$  to 3 $\frac{1}{3}$  pounds per acre. Begin applications at mid-bloom and repeat at 7-14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per acre. For aerial application use sufficient water (5 to 20 gals.) to obtain adequate coverage. Use the higher application rate when disease potential is severe, otherwise, use the lower rate. (3.2 pounds)

**Blueberries (Eastern U.S.):** Botrytis Blossom Blight and Fruit Rot, Mummy Berry. Apply 3 $\frac{1}{3}$  pounds per acre. Begin applications when buds swell or when buds have loose scale and repeat at 7-14 day intervals as necessary to maintain control. For severe conditions apply at 7 day intervals. Apply as a spray with ground equipment using sufficient water to obtain thorough coverage of plants. As a dilute ground spray, use a minimum of 200 gallons of spray suspension per acre. As a concentrate ground spray, use a minimum of 20 gallons of spray suspension per acre. For aerial application use sufficient water (5 to 20 gals.) to obtain adequate coverage. (3.2 pounds)

**Cherries (Eastern U.S. : Brown rot, leaf spot, Botrytis rot—**Use 1 $\frac{1}{4}$  pounds in prebloom, 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. If powdery mildew is a problem add 3 pounds sulfur to the petal fall, shuck and early cover sprays. If sulfur is added, captan may be reduced to  $\frac{3}{8}$  pound in these sprays. Apply by ground application only. Post harvest sprays—Apply 1 $\frac{1}{4}$  pounds immediately after harvest for leaf spot. Repeat application in 10 to 14 days. Apply by ground application only. (2.5 pounds)

**Cherries (Western U.S.):** Cherry Leaf Spot, Brown Rot, Botrytis Rot—1 $\frac{1}{4}$  pounds per 100 gals. spray. Spray at prebloom, bloom, petal fall. Applications may be made using ground application equipment only. (2.5 pounds)

**Grapes:** Downy Mildew, Black Rot—1 $\frac{1}{4}$  pounds in 100 gals. spray. Apply just before bloom, repeat immediately after bloom. Depending upon susceptibility of grape variety, from 1 to 3 sprays may be needed at 7 to 10 day intervals. Dead Arm Disease (Northeast)—1 $\frac{1}{4}$  pounds per 100 gals. spray. Make first application when new growth is 4" to 6" long, repeat when growth is 8" to 10" long. (2.5 pounds)

**Peaches, Nectarines:** Brown Rot, Scab, Coryneum (Shot Hole)—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at pink bud, full bloom and petal fall stages. Repeat at 10 to 14 day intervals after petal fall. Also make late fall applications for Coryneum Blight.

Applications may be made to nectarines using ground application equipment only. (5 pounds)

**Fresh Prunes, Plums:** Brown Rot—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at Green Tip or popcorn stage. Repeat at bloom and 75% petal fall stages. Also repeat later in season as necessary. Prune Russet Scab (Lacy Scab in California)—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply at full bloom. Applications may be made using ground application equipment only. (3.75 pounds)

**Strawberries:** Botrytis Rot—1 $\frac{1}{4}$  to 1 $\frac{7}{8}$  pounds per 100 gals. spray (200 diluted gals. per acre or equivalent to 2 $\frac{1}{2}$  to 3 $\frac{3}{4}$  pounds per acre in water to cover). Apply when new growth starts in spring before fruit starts to form. Repeat weekly. Severe Infection—Continue through harvest period, treating immediately after each picking. Do not exceed a total application rate of 30 pounds of this product per acre per year. Use the higher rate when weather conditions such as high humidity and temperatures favor moderate to severe disease formation, otherwise, apply at the lower rate. (3.75 pounds) If this product is to be applied by directed or banded sprays use the following formula to calculate the rate.

Banded rate of product per acre	=	Plant bed width (inches)	×	Broadcast rate per acre
		Row Spacing (inches)		

**Turf, Lawn:** Brown Patch, Leaf Spot, Damping-off, Root Rot—1 $\frac{1}{4}$  pounds per 100 gals. spray. Apply 10 gals. to each 1000 sq. ft. of turf or apply 5 pounds per acre in water for coverage. Apply prior to infection. Repeat at 7 to 10 day intervals as necessary. Do not graze treated areas or feed clippings to livestock.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

**Compatibility:** CAPTAN 80 WP may be combined with most commonly used insecticides, adjuvants and fungicides with the exception of strongly alkaline material such as hydrated lime, which reduces the fungicidal activity. Do not use this product in combination with oil sprays or with solvent formulations of Parathion products. Do not use this product on foliage closely following oil sprays. Observe all cautions and limitations on labeling of all products used in mixtures.

**NOTICE**

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER EXCEPT AS EXPRESSLY PROVIDED HEREIN. PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND PLATTE'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT

FORMULATED FOR  
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