

7501-9

03/24/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Dennis McFadden  
Manager, Toxicology and Regulatory Affairs  
Gustafson LLC  
1400 Preston Rd.  
Suite 400  
Plano, TX 75093

MAR 24 2003

Subject: Captan 30-DD  
EPA Reg. 7501-9  
Your Amendment dated Feb. 18, 2003

Dear Mr. McFadden:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following change is made:

*STORAGE AND DISPOSAL*: add the word "PESTICIDE" before the subheading "STORAGE"

A stamped copy of the label is enclosed for your records. Please submit one (1) copy of the final printed label before you release the product for shipment.

If you have any questions, please call Robert Westin at (703) 305-5721.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly".

Dennis McNeilly  
Acting Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

9(S)021703A1

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 24 2003

# Gustafson Captan 30-DD

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

## Seed Protectant Agricultural Fungicide

7501-9

### ACTIVE INGREDIENTS:

*Captan .....	28.70%
Related Derivatives .....	0.65%
INERT INGREDIENTS: .....	70.65%
TOTAL: .....	100.00%

\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide  
Contains 3 lbs. Captan and related derivatives per U.S. gallon at  
68°F.

### KEEP OUT OF REACH OF CHILDREN DANGER

#### FIRST AID

Have the product container or label with you when calling a  
poison control center or doctor, or going for treatment.

#### If in eyes:

- Hold eye open and rinse slowly and gently with water for 15  
- 20 minutes. Remove contact lenses, if present, after the first  
5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for further treatment  
advice.

#### If swallowed:

- Call a poison control center or doctor immediately for treat-  
ment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison  
control center or doctor.
- Do not give anything by mouth to an unconscious person.

#### If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give  
artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice.

#### If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20  
minutes.
- Call a poison control center or doctor for treatment advice.

**Note to Physician:** Probable mucosal damage may contrain-  
dicate the use of gastric lavage.

See additional precautionary statements.

### 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.  
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 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.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner  
inconsistent with its labeling. Not for use on agricultural estab-  
lishments in hopper-box, planter-box, slurry-box or other seed-  
treatment applications at or immediately before planting.

### USE PRECAUTION

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.

**AFTER WORK:** Take off all clothes. 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 sepa-  
rately from household articles. Clothing and protective equip-  
ment heavily contaminated or drenched with captan must be  
destroyed according to state and local regulations.

EPA Reg. No. 7501-9 EPA Est.  
NET CONTENTS:



## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty containers.

**STORAGE:** Store in a cool, dry location. Do not store in direct hot sunlight. After prolonged storage in intense cold, allow product to return to approximately 25°F before using.

**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:** Triple rinse (or equivalent). then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**TREATED SEED DISPOSAL:** To dispose of out-of-date or otherwise unmarketable seed which has been treated with captan for seed protectant purposes: Broadcast and lightly incorporate seed into field soils using disc or other suitable implement. If rate of captan contained on the seed is unknown, have seed analyzed by a qualified analytical laboratory to determine. Do not plant seed at a seedling rate which will result in the application of more than 32 pounds of captan per acre per year. Any resulting crop may be destroyed by chemical or mechanical means, or, if useful for food or feed purposes, may be harvested for that use.

## PRODUCT INFORMATION:

Captan 30-DD Seed Protectant is a flowable concentrate especially formulated for the treatment of seed prior to storage and planting to protect seed from molds and other fungi causing storage loss and to protect seed from seedborne and soilborne fungi which cause seed decay, damping-off, and seedling blights.

### CAPTAN 30-DD

Approved Application Rate  
Fl. Oz. Captan 300 per 100 lbs. of Seed

#### SEED

Alfalfa, clover, lespedeza, trefoil .....	6-1/2 fl. oz./100 lbs.
Beans (snap, dry, cowpeas) .....	2-1/4 fl. oz./100 lbs.
Beets (garden) .....	9-1/2 fl. oz./100 lbs.
Cereal grains (for seed and seedling rots - not for bunt smut)	
Barley, Rye .....	2 fl. oz./100 lbs.
Oats .....	2-1/3 fl. oz./100 lbs.
Wheat .....	1-1/2 fl. oz./100 lbs.
Cole crops (broccoli, Brussels sprouts, cabbage, cauliflower) .....	1-1/4 fl. oz./100 lbs.
Corn — Field .....	1-1/2 fl. oz./100 lbs.
Sweet .....	3-1/4 fl. oz./100 lbs.
Cotton	
Acid delinted .....	2-1/3 fl. oz./100 lbs.
Reginned, fuzzy .....	3-1/2 fl. oz./100 lbs.
Cucumber, cantaloupe, tomato .....	2-1/3 fl. oz./100 lbs.
Crucifers (collards, kale, mustard, radish, rape, turnips) .....	1-1/4 fl. oz./100 lbs.
Flax .....	3 fl. oz./100 lbs.
Grasses .....	6-1/2 fl. oz./100 lbs.
Peanuts .....	6 fl. oz./100 lbs.
Peas, Lentils .....	2 fl. oz./100 lbs.
Peppers (California Wonder) .....	2-1/3 fl. oz./100 lbs.
Sorghum (hulled) for kernel smut .....	3-1/2 fl. oz./100 lbs.
Soybeans .....	2 fl. oz./100 lbs.
Spinach .....	4-3/4 fl. oz./100 lbs.
Squash, pumpkin, watermelon, muskmelon .....	1-2/3 fl. oz./100 lbs.

#### Sugar Beets

West .....	4-3/4 fl. oz./100 lbs.
East .....	9-1/2 fl. oz./100 lbs.
Sunflowers .....	4 fl. oz./100 lbs.
Swiss chard .....	9-1/2 fl. oz./100 lbs.

Read all directions before using and use only as specified on this label.

**DIRECTIONS:** Thoroughly mix the recommended amount of Captan 30-DD Seed Protectant into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

**IMPORTANT:** Before using—stir thoroughly to mix contents or use entire container at one time. Do not combine colloidal suspensions, wettable powder or emulsifiable concentrates unless previous experience assures compatibility.

**IMPORTANT:** The Federal Government and most states have seed laws or regulations requiring an appropriate caution statement be affixed to bags containing treated seeds, such as:

**Treated Seed: Do Not Use for Food, Feed or Oil Purposes.**

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.25, all grain seed treated with an economic poison must be colored to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

This product is to be used in liquid or slurry treaters similar to Panomatic, Mist-O-Matic or Calkins.

The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates.

## NOTICE - READ CAREFULLY CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Gustafson LLC no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson LLC if these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:  
**Gustafson LLC**  
1400 Preston Road, Suite 400  
Plano, Texas 75093  
(972) 985-8877

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