



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

APR - 8 2003

Subject: Gustafson Captan 400  
EPA Reg. 7501-26  
Your Amendment dated February 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 changes are made.

*SIGNAL WORDS:* move the phrase "Keep out of reach of children" and the signal word "DANGER" out of the First Aid box. Add the signal word "PELIGRO" next to "DANGER" Immediately below the Signal Words, add the following text:

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

*HAZARDS TO HUMANS AND ANIMALS:* add the word "Corrosive." before the sentence "Causes irreversible eye damage."

*USE PRECAUTIONS:* in the second paragraph, after "chemical resistant gloves" add the words "made of any waterproof material".

*STORAGE AND DISPOSAL:* change the subheading "STORAGE" to "PESTICIDE STORAGE."

A stamped copy of the label is enclosed for your records.

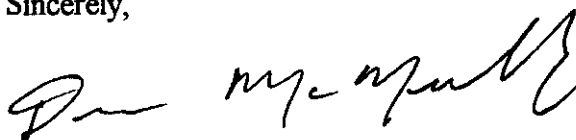
Please submit one (1) copy of the final printed label before you release the product for shipment.

2/5

Gustafson Captan 400  
Page 2 of 2

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". The signature is fluid and cursive, with a large, stylized initial "D" and "M".

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

Enclosure

APR 8 2003

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.7501-  
26

# Gustafson Captan 400

## Seed Protectant Agricultural Fungicide

ACTIVE INGREDIENTS:	By Wt.
*Captan .....	37.40%
Related Derivatives .....	0.85%
INERT INGREDIENTS: .....	61.75%
<b>TOTAL:</b> .....	<b>100.00%</b>

\*N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide  
Contains 4 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.

EPA Reg. No. 7501-26 EPA Est.  
NET CONTENTS:

### 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  
to areas where surface water is present or to intertidal areas  
below the mean high water mark. 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.

**IMPORTANT:**

The Federal Government and most states have seed laws or  
regulations requiring an appropriate caution statement be af-  
fixed 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.

**DIRECTIONS FOR USE:**

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

**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.

# Gustafson



**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.

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

**DIRECTIONS:** Thoroughly mix the recommended amount of Captan 400 Seed Protectant into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between 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.

**PRODUCT INFORMATION:**

Captan 400 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 400**

**Approved Application Rate  
Fl. Oz. Captan 400 per 100 lbs. of Seed**

SEED	RANGE
Alfalfa, clover, lespedeza, trefoil	5 fl. oz.-8 fl. oz./100 lbs.
Beans (snap, dry, cowpeas)	2 fl. oz.-3 fl. oz./100 lbs.
Beets (garden)	8 fl. oz.-12 fl. oz./100 lbs.
Cereal grains (for seed and seedling rots—not for bunt, smut)	
Barley, Rye	2 fl. oz.-3 fl. oz./100 lbs.
Oats	2 fl. oz.-4 fl. oz./100 lbs.
Wheat	1-1/2 fl. oz.-4 fl. oz./100 lbs.
Cole crops (broccoli, Brussels sprouts, cabbage, cauliflower)	
Cabbage, cauliflower	1 fl. oz.-2 fl. oz./100 lbs.
Corn—Field	1-1/4 fl. oz.-2-3/8 fl. oz./100 lbs.
Sweet	2 fl. oz.-4 fl. oz./100 lbs.
Cotton	
Acid delinted	2-1/2 fl. oz.-5 fl. oz./100 lbs.
Reginned, fuzzy	3-1/2 fl. oz.-7 fl. oz./100 lbs.
Cucumber, Cantaloupe	2-1/2 fl. oz.-3 fl. oz./100 lbs.
Crucifers (mustard, radish, rape, turnips)	1 fl. oz.-2 fl. oz./100 lbs.
Flax	2 fl. oz.-3-3/4 fl. oz./100 lbs.
Grasses	5 fl. oz.-8-1/4 fl. oz./100 lbs.
Peanuts	3 fl. oz.-6 fl. oz./100 lbs.
Peas, Lentils	2-1/2 fl. oz./100 lbs.

Continued next column

Peppers	2 fl. oz.-3 fl. oz./100 lbs.
Sorghum (hulled) for kernel smut	1-3/4 fl. oz.-4-1/2 fl. oz./100 lbs.
Soybeans	1-1/2 fl. oz.-2-1/2 fl. oz./100 lbs.
Spinach	4 fl. oz.-6 fl. oz./100 lbs.
Squash, Pumpkin,	
Watermelon, Muskmelon	1-1/2 fl. oz.-2 fl. oz./100 lbs.
Sugar Beets	
West	6 fl. oz./100 lbs.
East	12 fl. oz./100 lbs.
Sunflowers	2 fl. oz.-4 fl. oz./100 lbs.
Swiss chard	10 fl. oz.-12 fl. oz./100 lbs.

**USE PRECAUTIONS**

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 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.

**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  
Questions?(972) 985-8877

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