



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 25 2003

Subject: RIVAL® Flowable  
EPA Reg. 7501-131  
Your Amendment dated February 18, 2003

Dear Mr. McFadden:

The Labeling 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.

*ACTIVE INGREDIENTS:*

- Add an asterisk before or after "Captan"
- Add a closing parenthesis after "...benzimidazole"

*FIRST AID:* Move the section "If in eyes:" to be the first entry in the list.

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

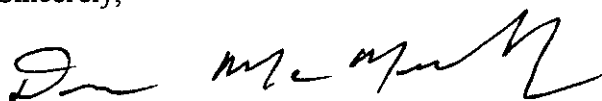
A stamped copy of the label is enclosed for your records. Please submit one (1) copy of the final printed label before you release the product for shipment.

Please note that this label applies to the product formulated as described by the approved CSF dated July 12, 1999. The label may have to be changed if a new CSF is submitted.

RIVAL® Flowable  
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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", written in a cursive style.

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

Enclosure

131(S)021803

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 25 2003

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

# Gustafson

## RIVAL® Flowable

### Fungicide

7501-131

For Use Only In Closed System Commercial Seed Treatment Equipment

For Use Only By Commercial Seed Treaters

**ACTIVE INGREDIENTS:**

Captan.....	19.80%
Related Derivatives.....	0.45%
Pentachloronitrobenzene (PCNB).....	8.40%
Thiabendazole (2-(4-thiazolyl) benzimidazole).....	1.00%
<b>INERT INGREDIENTS:</b> .....	<b>70.35%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

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

Contains 2 lbs. Captan and related derivatives, 0.82 lbs. PCNB (Pentachloronitrobenzene) and 0.098 lbs. Thiabendazole 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 Swallowed:**

- Call a poison control center or doctor immediately for treatment 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 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 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.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

See additional precautionary statements.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Causes irreversible eye damage. Harmful if swallowed. 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 and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate treated seed with soil. 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. Not for use on agricultural establishments 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 chemical 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.

EPA Reg. No. 7501- 131 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.

## PRODUCT INFORMATION:

Gustafson RIVAL Flowable Fungicide is formulated for use in commercial seed treatment equipment for protection of soybeans, edible dry beans and wheat seed from seed and soilborne diseases which cause seed decay, damping-off (including *Rhizoctonia* spp.), seedling blights and pod and stem blight (*Phomopsis* spp.) during germination and early seedling stages. Apply at the higher dose rate when disease pressure is high.

### APPLICATION RATES

CROP	FL. OZ./100 LBS. OF SEED
Soybeans	4.0
Beans (Dry)	4.0
Wheat	4.0

**DIRECTIONS:** Thoroughly mix the recommended amount of RIVAL Flowable Fungicide into the required amount of water for the slurry treater equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

RIVAL Flowable Fungicide should not be tank mixed with any pesticide unless adequate physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

**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

This seed treated with Captan (N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide), PCNB (Pentachloronitrobenzene), and Thiabendazole (2-(4-thiazolyl)benzimidazole) at manufacturer's suggested rate.

### Do Not Use for Food, Feed or Oil Purposes.

When using formulations that do not contain dye, to comply with 21CFR 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 seed treaters. 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.

RIVAL is a registered trademark of Hoechst Schering AgrEvo GmbH.

Gustafson (logo) is a Reg. TM of Gustafson LLC, Plano, Texas

A quality product manufactured by:

**Gustafson LLC**  
1400 Preston Road, Suite 400  
Plano, Texas 75093  
(972) 985-8877