

SEP 3 1992

Dennis L. McFadden
Gustafson, Inc.
P.O. Box 660065
Dallas, TX 75266-0065

Dear Mr. McFadden:

Subject: Application to Wheat
Gustafson RTU Flowable Soybean Fungicide
EPA Registration No. 7501-135
Your Submission Dated August 20, 1992

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/-reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- In the environmental hazards section update the statements to read:

Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

Submit one (1) copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 3 1989

Under the Federal Insecticide
Fungicide, and Rodenticide Act
amended, for the pesticide
registered under EPA Reg. No.
7501-135

Gustafson RTU® Flowable Fungicide

(Contains MERTECT®)

ACTIVE INGREDIENTS:

Thiram (Tetramethylthiuram disulfide)	12.60%
Thiabendazole (2-(4-thiazolyl) benzimidazole)	0.34%
INERT INGREDIENTS:	87.06%
TOTAL	100.00%

Contains 1.1 lbs. Thiram and 0.03 lbs. Thiabendazole per U. S. gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

If In Eyes: Immediately flush eyes with plenty of water. See a physician. **If Swallowed:** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. **If Inhaled:** See a physician if an abnormal reaction occurs. **If On Skin:** Wash thoroughly with soap and water.

SYMPTOMS OF POISONING: No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to Thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to Disulfiram.

See additional precautionary statements.

EPA Reg. No. 7501-135

EPA Est. 7501-ID-1

Net Contents: 5 Gallons

PRECAUTIONARY STATEMENT HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes eye and skin irritation. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid use or store near food or feed.

During commercial exposure in seed treatment use eye goggles, clean rubber gloves, protective clothing, and a respirator (approved by the Mine Safety and Health Administration and by the National Institute of Occupational Safety and Health) and by the National Institute of Occupational Safety and Health. Wash hands, arms and face thoroughly after handling and before eating or smoking. Routinely wash all clothing with soap and water before reusing. Consumption of alcoholic beverages increases the toxic effects of thiram.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water bodies with washwaters. Drift or runoff from treated areas may be hazardous to fish in neighboring areas. Do not apply directly to water or to areas of standing water.

A quality product manufacturer
Gustafson, Inc.
1400 Preston Road, Suite 400
Plano, Texas 75093
(214) 985-8877

Gustafson

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in a cool, dry location. Do not store in direct sunlight. Product will freeze at 20° F. If frozen, warm to 50°F and thoroughly shake or mix prior to use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 by other procedures approved by State and local authorities.

DIRECTIONS FOR USE AS A SEED TREATMENT

SOYBEANS: Gustafson RTU Flowable Fungicide, when used at recommended rates for the treatment of soybean seed, will provide protection from seedborne and soilborne diseases which cause damping off, seed decay, seedling blight and pod and stem blight (*Phomopsis spp.*) during germination and early seedling stages.

Apply Gustafson RTU Flowable Fungicide at the rate of 4 fl. oz. of product per bushel (6.6 fl. oz. per cwt.) as a slurry suspension.

WHEAT: Gustafson RTU Flowable Fungicide, when used at recommended rates for the treatment of wheat seed, will provide protection from seedborne and soilborne diseases which cause damping off, seed decay, seedling blight and seedborne common bunt (stinking smut) during germination and early seedling stages.

Apply Gustafson RTU Flowable Fungicide at the rate of 6.6 fl. oz. of product per cwt. as a slurry suspension.

Gustafson RTU Flowable Fungicide may be applied undiluted or with water when additional volumes are needed to insure uniform seed coverage. Application of tank mixes should not be made unless testing or prior experience insures compatibility.

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. Care must be exercised in handling of treated seed.

If this product does not already contain a coloring agent, all seed treated with this product must be colored with an EPA-approved dye or pigment (e.g. 40 CFR 180.1001) which imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed as food for man or feed for animals.

NOTE: Federal Law requires that bags containing treated seeds shall be labeled with the following information:

TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES.

This seed treated with Thiram and Thiabendazole.

Seed labeling must contain the following restriction: "Do not graze or feed livestock on soybean forage or soybean hay from treated areas."

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, except for the purposes of curative control of existing disease or insect pests, 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, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc., 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, INC. 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, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

RTU is a Reg. TM of Gustafson, Inc.

ACTIVE INGREDIENTS:

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**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

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NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to Disulfiram.

See additional precautionary statements.

EPA Reg. No. 7501-135

EPA Est. 7501-ID-1

Net Contents: ___ Gallons

PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid inhaling of spray mist. Do not use or store near food or feed.

Continued Next Column

During commercial exposure in seed treatment and loading operations, wear goggles, clean rubber gloves, protective clothing, and a pesticide respirator jointly approved by the Mine Safety and Health Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under provisions of 30 CFR, Part 11. Wash hands, arms and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work; wash all clothing with soap and water before reusing. Consumption of alcoholic beverages increases the toxic effects of thiram.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in a cool, dry location. Do not store in direct sunlight. Product will freeze at 20° F. If frozen, warm to 50°F and thoroughly shake or mix prior to use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 by other procedures approved by State and local authorities.

**DIRECTIONS FOR USE
AS A SEED TREATMENT**

Gustafson RTU Flowable Soybean Fungicide, when used at recommended rates for the treatment of soybean seed, will provide protection from seed and soil borne diseases which cause damping off, seed decay, seedling blight and pod and stem blight (*Phomopsis spp.*) during germination and early seedling stages.

Apply Gustafson RTU Flowable Soybean Fungicide at the rate of 4 fl. oz. of product per bushel (5.6 fl. oz. per cwt.) as a slurry suspension.

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NOTE: Federal Law requires that bags containing treated seeds shall be labeled with the following information:

TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES.

This seed treated with Thiram and Thiabendazole.

Seed labeling must contain the following restriction: "Do not graze or feed livestock on forage or hay from treated areas."

**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, except for the purposes of curative control of existing disease or insect pests, 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, Inc., no claims are made to guarantee germination of carry-over seed.

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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, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

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135(5)-291220