



United States Environmental Protection Agency
Office of Pesticide Programs (H7505C)
Washington, DC 20460

Application for Pesticide:

Registration
 Amendment
 Other

OPP Identifier Number
167158

Section I

1. Company/Product Number 7501-105	2. EPA Product Manager B. Chambliss	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Gustafson Thiram 50 WP Dyed	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Gustafson, Inc. PO Box 660065 Dallas, TX 75266 0065 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification per PR Notice 88-6, as required by PR Notice 93-3, labeling statement prohibiting application to water. Attached are revised, highlighted label and an original label.

NOTIFICATION LABEL NOT REVIEWED PER PR NOTICE 88-6
8/3/93

DATE 8/3/93

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<input type="checkbox"/> Glass
					<input type="checkbox"/> Paper
					<input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other (_____)		

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dennis L. McFadden		Title Asst. Mgr., Toxicology and Regulatory Affairs		Telephone No. (Include Area Code) 214 985 8877	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature <i>Dennis L. McFadden</i>		3. Title Asst. Mgr., Toxicology and Regulatory Affairs			
4. Typed Name Dennis L. McFadden		5. Date 7/15/93			

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Gustafson Thiram 50WP Dyed

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6**

DATE. 8/3/93

ACTIVE INGREDIENT:	BY WT.
Thiram (Tetramethylthiuram disulfide).....	50%
INERT INGREDIENTS	50%
	100%

This product contains the toxic inert ingredient Rhodamine B.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Call a Physician immediately. Do not induce vomiting or 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.

IF ON SKIN: Wash the affected area with soap and warm water.

IF IN EYES: Immediately flush eyes with running water for at least 15 minutes. Call a Physician.

See additional precautionary statements.

EPA Reg. No. 7501-105

**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. Wear goggles or face shield and rubber gloves when handling. Avoid inhaling of spray mist or dust. Do not use or store near food or feed.

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 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.

Continued Next Column

Consumption of alcoholic beverages increases the toxic effects of thiram.

ENVIRONMENTAL HAZARDS

This pesticide product is toxic to fish, birds and wildlife. Do not contaminate water by cleaning of equipment or disposal of wastes. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

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.
Open dumping is prohibited.
Do not reuse empty container.

STORAGE: Store in a cool, dry place in an area designated for pesticides, and away from food or feed. Keep pesticide in original container. Keep container firmly closed when not in 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: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. Do not reuse drum. Dispose of in the same manner.

GENERAL INFORMATION

This product is recommended for the treatment of listed seeds and bulbs and, when used as directed, will usually increase stands and yields by reducing loss from seed decay, damping-off, and seedling blights. It also will usually control the loose and



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covered kernel smuts of sorghum and will usually prevent basal rot and decay of gladiolus bulbs.

DIRECTIONS FOR USE

This product may be applied as a dry treatment or may be mixed into the required amount of water to form a slurry treatment.

(Rotary Drum or Small Container)--Fill unit not more than 1/2 full; add correct amount of Thiram; rotate sk. until product is evenly distributed on all seed.

(Planter or Drill Box)--Place 1/2 the total amount of seed and Thiram in box and mix with paddle or stick. Add remaining 1/2 of seed and Thiram and stir as specified above.

Treat peanuts promptly after shelling. Other seeds may be treated anytime after being well-cured.

Gladiolus Bulbs--Treat after drying by thoroughly coating bulbs with Thiram by shaking in a paper bag or similar device.

Gladiolus bulbs that are treated with this product must bear distinct labeling that instructs: **CAUTION:** Treated with thiram. Wear rubber gloves and protective clothing when handling products treated with thiram. Direct exposure to skin may result in severe dermatitis.

IMPORTANT:

Treated seed must not be used for or mixed with food or animal feed or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time. Seed commercially treated with this product must be labeled in accord with all applicable requirements of the Federal Seed Act. Labels attached to treated seed must state "Treated seed, must not be used for or mixed with food or animal feed, or processed for oil." and "Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging by burial away from bodies of water."

SEED TREATMENT DOSAGE RATES

Type of Seed	Ounces per 100 pounds
Barley	4.1
Beans (Snap & Dry)	2.0
Beans (Lima)	3.0
Beets (Garden & Sugar)	8.0
Cantaloupe, Cucumber, Pumpkin, Squash, Watermelon	4.5
Castor Beans	4.5
Corn (Field & Sweet)	3.0
Cotton	4.5
Cowpeas	2.0
Eggplant	6.0
Flax	5.3
Grasses	8.0
Legumes (Small seeded)	8.0
Millet	4.0
Okra	6.0
Peanuts (Shelled)	4.5
Peas	3.0
Rice	4.3
Rye	3.7
Safflower	4.0
Sesame	3.0
Sorghum	2.7
Soybeans	3.3
Sugar Beets	8.0
Tomato	6.0
Wheat	3.3
Broccoli, Brussels Sprouts, Carrots, Cabbage, Cauliflower, Collards, Endive, Kale,	

Kohlrabi, Lettuce, Mustard, Peppers,
Radish, Spinach, Swiss Chard, Turnip..... All 8.0

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. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, 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.

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

Gustafson (logo) is a Reg. TM of Gustafson, Inc.

105(W)-299060

Gustafson Thiram 50 WP is also available in an undyed formulation to permit use of non-Rhodamine dyes and colorants.

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