

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A)


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

Application for Pesticide:

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

192981

## Section I

1. Company/Product Number 7501-141	2. EPA Product Manager B. Chambliss	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Gustafson, VITAVAX®-Thiram-Lindane	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**

## Section III

DATE: 8/3/93

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
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted.	If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container	<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 Dennis L. McFadden		3. Title Asst. Mgr., Toxicology and Regulatory Affairs			
4. Typed Name Dennis L. McFadden		5. Date 7/15/93			

DATE. 8/2/93

# Gustafson VITAVAX®-Thiram-Lindane

## Flowable Fungicide - Insecticide

### Active Ingredients: (% by weight)

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide) .....	14%
Thiram (tetramethylthiuram disulfide) .....	12%
Lindane (gamma isomer of benzene hexachloride) .....	8%
Inert ingredients: .....	66%
<b>Total:</b> .....	<b>100%</b>

Contains 1.37 lbs. carboxin, 1.17 lbs. Thiram and 0.78 lbs. Lindane per U.S. gallon

### KEEP OUT OF REACH OF CHILDREN CAUTION

See additional precautionary statements.

EPA Reg. No. 7501-141

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

Harmful if swallowed, absorbed through the skin or inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling or before eating or smoking. Applicators must wear the following protective clothing during the application process or when handling treated seed: long sleeved shirt, long pants, gloves, and a disposable paper dust mask which covers at least one-third of the face. This product should be applied in a well ventilated area. Consumption of alcoholic beverages increases the toxic effects of thiram.

#### STATEMENT OF PRACTICAL TREATMENT

If on skin - Remove contaminated clothing and wash affected areas with soap and water. Get medical attention if irritation develops. If in eyes - Flush eyes with plenty of water. Get medical attention if irritation develops. If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Avoid alcohol. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

Continued Next Column

**SYMPTOMS OF POISONING:** Consumption of alcoholic beverages with exposure to thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. Lindane is a central nervous system stimulant. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

**NOTE TO PHYSICIAN:** Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to disulfiram.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and wildlife. 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 or other wildlife. Dispose of all excess treated seed by burial away from bodies of water. Do not contaminate water when disposing of equipment washwaters.

#### DIRECTIONS FOR USE

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

#### STORAGE AND DISPOSAL

- 1. STORAGE:** Store in a cool, dry place. Do not store in direct sunlight. Keep container closed when not in use.
- 2. PROHIBITIONS:** Do not contaminate water, food or feed by storage or disposal or by cleaning of equipment. Open dumping is prohibited.
- 3. PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinseate 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.
- 4. 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.

#### DIRECTIONS FOR USE

Gustafson VITAVAX-Thiram-Lindane Flowable Fungicide - Insecticide is a ready-to-use seed treatment containing the

# Gustafson



BEST AVAILABLE COPY

systemic fungicide, VITAVAX®, and the protectant fungicide, Thiram, plus the insecticide, Lindane.

#### BARLEY, WHEAT AND OATS

Gustafson VITAVAX-Thiram-Lindane Flowable provides systemic protection against loose smut (*Ustilago nuda*) and covered smut (*Ustilago hordei*) on barley; loose smut (*Ustilago tritici*) and common bunt (*Tilletia caries*) on wheat; and loose smut (*Ustilago avenae*) on oats.

Gustafson VITAVAX-Thiram-Lindane Flowable also protects seeds against seed decay and damping off while providing protection to seeds and seedlings against damage from wireworms and seed corn maggots.

Apply Gustafson VITAVAX-Thiram-Lindane Flowable at the rate of 5 fluid ounces on wheat and oats and 6 fluid ounces on barley per 100 pounds of seed. Apply as a ready-to-use seed treatment by machine ensuring uniform seed coverage.

Do not graze or feed livestock on treated areas for six weeks after planting. Care must be exercised in the handling of treated seed.

#### USE RESTRICTIONS

This product contains a dye which imparts an unnatural color to the seed to prevent the inadvertent use of treated seed for food, feed or oil use. 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 seeds beyond planting time.

#### USE PRECAUTIONS

1. **IMPORTANT:** Federal Law requires that bags containing treated seed shall be labeled with the following information: This seed treated with Carboxin, Thiram and Lindane. Do not use treated seed for food, feed or oil purposes. Do not graze or feed livestock on treated areas for six weeks after planting. Add appropriate information for any other chemical treatments.
2. **Planting Note:** Seed treated with this product does not flow as freely as untreated seed. The drill should therefore be adjusted to compensate for this restricted seed flow to prevent lower than desired seeding rates.
3. Augers used for handling treated seed should not be used to move grain for food, feed or oil processing.

4. Do not reuse bags from treated seed to handle food or feed products.

#### 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.

Gustafson (logo) is a Reg. TM of Gustafson, Inc.  
VITAVAX is a Reg. TM of Uniroyal Chemical Company, Inc.

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

141(S)-293110