


7501-133

201118

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:	<input type="checkbox"/> Registration	OPP Identifier Number 192980
		<input type="checkbox"/> Amendment	
		<input checked="" type="checkbox"/> Other	

Section I		
1. Company/Product Number 7501-133	2. EPA Product Manager B. Chambliss	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) VITAFLO™-280	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Gustafson, Inc. PO Box 660065 Dallas, TX 75266 0065		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 _____
<input type="checkbox"/> Check if this is a new address		

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
1. Material This Product Will Be Packaged In:				
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	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.
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) 214 985.3877.

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	

VITAFLOTM-280

Flowable Fungicide

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6

DATE. 8/3/93

Active Ingredients:

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathilin-3-carboxamide)	14.9%
Thiram (Tetramethylthiuram disulfide)	13.2%
Inert Ingredients:	71.9%
Total:	100.0%

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

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 or blunt object. 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.

See Additional Precautionary Statements.

STORAGE AND DISPOSAL

Do not store VITAFLO-280 in direct sunlight. Do not store VITAFLO-280 at temperatures above 95° F. Do not contaminate water, food or feed by storage or disposal.

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.

EPA Reg. No. 7501-133

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS 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. Do not use or store near food or feed. Consumption of alcoholic beverages increases the toxic effects of thiram. 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.

ENVIRONMENTAL HAZARDS

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

VITAFLO-280 is a combination of a systemic fungicide (VITAVAX[®]) and a contact fungicide (Thiram) to control seed and soilborne seedling diseases including damping-off and seed decay. In addition, VITAFLO-280 controls the following cereal grain diseases: Barley: covered smut (*Ustilago hordei*), true loose smut (*U. nuda*) suppression of net blotch (*Helminthosporium teres*). Wheat: loose smut (*U. tritica*), common bunt (*Tilletia caries*). Oats: loose smut (*U. Kolleria*), covered smut (*U. avenae*). VITAFLO-280 has no vapor action. Thorough seed coverage is required. Use the higher rate under conditions of heavy expected disease pressure. VITAFLO-280 can be diluted with water for use in slurry treaters. Dilute VITAFLO-280 as required to apply the specified rate of undiluted VITAFLO-280. Keep in constant agitation and use within 24 hours of diluting. Treater calibration should be re-checked if the VITAFLO-280 temperature falls below -4° F. Undiluted VITAFLO-280 can be used at temperatures down to -22° F. Centrifugal pumps are not recommended for pumping VITAFLO-280.

CROP

fl. oz. per
cwt seed
3.5 - 5.0

Barley, Wheat

(The 3.5 fl. oz. rate will give partial control of true loose smut in wheat and barley. Use the 5 fl. oz. rate for control of true loose smut).

Oats

5.0

Triticale

3.0

Corn (field & sweet)

4.5

Soybeans, Beans

4.0

CORN HEAD SMUT: For control of seedborne head smut (*Sphacelotheca reiliana*). Treat corn at 8.5 - 11.5 fl. oz. of UNDILUTED VITAFLO-280 per cwt. of seed.

GENERAL NOTE: Avoid planting corn under cold, wet conditions. Stress conditions during the first few weeks after planting may increase the incidence of head smut. Will not control soil-borne head smut.

USE RESTRICTIONS:

1. VITAFLO-280 will not freeze solid even in extreme winter temperatures.
2. For cleaning lines and reservoirs flush with water. Rinse water should be used for dilutions of VITAFLO-280.
3. Seeding rate should be checked during planting.
4. Stir well before using.
5. Prior to each use, stir contents for approximately 2 minutes with the internal hand operated agitator.
6. Do not use treated seed for food, feed or oil purposes.
7. Do not graze or feed livestock on treated areas for six weeks after planting. Care must be exercised in the handling of treated seed. Do not graze or feed livestock on vines grown from treated seed.

USE PRECAUTION

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 with an approved dye (40 CFR 180.1001) to distinguish and prevent subsequent and inadvertent use as a food for man or feed for animals.

COMPATIBILITY

VITAFLO-280 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.

SEED LABELING

"This seed treated with carboxin and thiram (VITAFLO-280 Flowable Fungicide) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes." Add appropriate information for any other chemical treatments.

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 specifications 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.

VITAFLO is a TM of UNIROYAL CHEMICAL COMPANY, INC. GUSTAFSON (logo) is a Reg. TM of Gustafson, Inc.

A quality product manufactured By:

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

133(W)-298070