

400-112

1/5/2011

10 of 7



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN - 5 2011

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Michael Dupre
Product Registration
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request Alternate Brand Name "VITAFLO™ 200 Flowable Fungicide"
EPA Reg. No. 400-112
Application Dated October 22, 2010

Dear Mr. Dupre:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 10/22/10 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-5335 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink that reads "Paul J. Mastradone".

Paul J. Mastradone, Ph.D., Acting
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

EPA United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number
--	--	-----------------------

Application for Pesticide - Section I

1. Company / Product Name 400-112	2. EPA Product Manager T. Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) VITAVAX® -200 Flowable Fungicide	PM# 22	
5. Name and Address of Applicant (Include ZIP Code) Chemtura Corporation 199 Benson Road (2-5) Middlebury, Connecticut 06749 <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.

NOTIFICATION

JAN 05 2011

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification: Alternate Brand Name (per Pesticide Registration Manual, Chpt 7, Mar 2010): VITAFLO-200 Flowable Fungicide

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
	If "Yes" Unit Packaging wgt No. Per container	If "Yes" Packaging wgt No. Per container	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 gal/10 L, 5 gal/20 L, 50 gal/200 L, 250 gal/1000 L	5. Location of Label Directions <input checked="" type="checkbox"/> On Label (accordion) <input checked="" type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product		<input checked="" type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled Other	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Allen Blem	Title Registration Specialist	Telephone No. (Include Area Code) (203) 573-2487 e-mail: allen.blem@chemtura.com	
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 statements may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamp)
2. Signature 		3. Title Product Registration Manager, North America	
4. Typed Name Michael Dupré		5. Date October 22, 2010	



442211 3087

Chemtura Corporation
199 Benson Road
Middlebury, CT 06749
(203) 573-2000

October 22, 2010

Document Processing Desk (**NOTIF**)
Office of Pesticide Programs (7504P)
U.S. Environmental protection Agency
2777 S. Crystal Drive, One Potomac Yard
Room S-4900, 4th Floor
Arlington, VA 22202-4501

Attention: Ms. Linda Arrington, Notifications
Registration Division (7504P)

Subject: **Notification of Alternate Brand Name,
per Pesticide Registration Manual, Chapter 7**

Dear Ms. Arrington:

Chemtura Corporation (Company No. 400) herein submits an Application for Amendment of Registration by the Notification Method for an Alternate Brand Name for a registered product:

EPA Reg. No.: **400-112**

Primary Brand Name: VITAVAX[®]-200 Flowable Fungicide

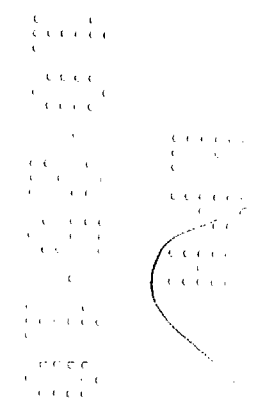
Proposed Alternate Brand Name: VITAFLO[™]-200 Flowable Fungicide

If you have any questions about this Notification for an Alternate Brand Name, please contact Allen Blem (Registration Specialist) at (203) 573-2487 or e-mail allen.blem@chemtra.com.

Sincerely,
Chemtura Corporation

Michael Dupré
Product Registration Manager,
North America

- Attachments:
- 1. Form 8570-1, with compliance statement
 - 2. Product label, version 015/091608



NOTIFICATION

JAN 05 2011

Vitaflo™ -200 Flowable Fungicide

For sale to and use by professional applicators only.
Not for sale to or use by homeowners/consumers.

**Net
Contents:**

Active Ingredients: (% by weight)	
carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide).....	17%*
thiram (tetramethylthiuram disulfide).....	17%*
Other Ingredients:	66%
Total.....	100%

*Contains 1.67 pounds of carboxin and 1.67 pounds thiram per gallon.

*Contains 200 grams of carboxin and 200 grams of thiram per liter.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

- | | |
|----------------------------------|--|
| IF ON SKIN OR ON CLOTHING | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice. |
| IF INHALED | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| IF IN EYES | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 SWALLOWED | <ul style="list-style-type: none"> • 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 the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |

EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	866-430-2775
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

EPA REG. NO. 400-112
EPA EST. NO.
015/091608

Manufactured for:
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

 **Chemtura**
AGROSOLUTIONS™
www.chemtura.com

NOTE TO PHYSICIAN

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.

No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to disulfiram.

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

Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Consumption of alcoholic beverages increases the toxic effects of thiram.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category E on an EPA chemical resistance category selection chart.

All Mixers, Loaders, Applicators and Other Handlers Must Wear: long-sleeved shirt and long pants, chemical-resistant gloves (such as barrier laminate or nitrile rubber or neoprene rubber, or viton), socks plus shoes, protective eyewear, chemical-resistant aprons when loading, cleaning up spills, cleaning equipment or otherwise exposed to the concentrate. See Engineering Controls for additional requirements.

NOTE: Any persons involved in bagging treated seed, sewing or moving bags of treated seed, or cleaning up bagging areas or seed treatment equipment are pesticide handlers and must wear the PPE required on this label for pesticide handlers. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified by WPS.

Engineering Controls:

When handlers use closed systems designed by the manufacturer to enclose the pesticide to prevent it from contacting handlers or other people AND the system is functioning properly and is used and maintained in accordance with the manufacturer's written operating instructions, the handlers need not wear the chemical-resistant apron. However, chemical resistant gloves must be immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water or rinsate or by disposal of wastes. Plant cotton, barley, wheat and oat seed a minimum of one inch deep. Collect spilled seed. Treated seed exposed on soil surface is hazardous to birds.

Treated seeds are hazardous to fish, birds and mammals. Do not plant treated seed by broadcasting to the soil surface. Ensure that all seeds are thoroughly covered with soil, especially in turn areas. If seeds are not thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.

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. Read all label directions carefully before use.

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the **restricted entry interval (REI) of 24 hours.**

Exception: Once treated seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area if there will be no contact with the soil/media subsurface.

Early Entry PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, or treated seed is: coveralls, chemical-resistant gloves made of any waterproof material, shoes plus socks.

SEED TREATMENT

VITAFLO™ 200 Flowable Fungicide is a ready-to-use seed treatment. Application should be made using standard mechanical, slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to insure seed safety and best disease control. Seed should be sound and well cured prior to treatment. With high seed temperatures and when treating at low relative humidity, dilution with clean water will assist in achieving adequate seed coverage. Do not exceed 4 parts water per 1 part product. Dilution of product requires mechanical agitation.

Compatibility: **VITAFLO™** 200 Flowable Fungicide should not be tank mixed with any pesticide or additive unless adequate physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

General: **VITAFLO™** 200 Flowable Fungicide combines the systemic action of carboxin with the surface action of thiram to reduce seed rot/seedling blight diseases. It is particularly effective against *Rhizoctonia solani* and shows good activity against various *Helminthosporium*, *Fusarium*, and *Pythium* species. This often results in increased and more uniform stands of seedlings with higher yield potential. Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, WHEAT AND OATS

In addition to the above, loose smut (*Ustilago nuda*), and covered smut (*Ustilago hordei*), are controlled in barley and loose smut (*Ustilago tritici*), and common bunt (*Tilletia caries*) and flag smut (*Urocystis agropyri* or *U. tritici*) are controlled in wheat by **VITAFLO™** 200 Flowable Fungicide.

Use 3 - 4 fluid ounces of **VITAFLO™** 200 Flowable Fungicide per 100 pounds of seed. **VITAFLO™** 200 Flowable Fungicide should be applied as a slurry treatment by machine. Plant barley, wheat and oat seed a minimum of 1 inch deep.

RICE

VITAFLO™ 200 Flowable Fungicide is particularly effective against *Rhizoctonia solani* and *Helminthosporium oryzae* in rice. Use 3 - 4 fluid ounces **VITAFLO™** 200 Flowable Fungicide per 100 pounds of seed applied as a slurry treatment by machine. The higher rate is recommended for control of *Helminthosporium oryzae*.

SOYBEANS

Use 2 fluid ounces of **VITAFLO™** 200 Flowable Fungicide per bushel of seed or 4 fluid ounces per 100 pounds of seed. **VITAFLO™** 200 Flowable Fungicide should be applied as a slurry treatment by machine.

COTTON

VITAFLO™ 200 Flowable Fungicide provides **systemic** control of seed and seedling diseases of cotton. Seed rot, damping off and sore-shin due to *Rhizoctonia solani* are reduced. **VITAFLO™** 200 Flowable Fungicide can be used on both machine and acid delinted cottonseed at the rate of 4.8 fl. oz. per 100 pounds of seed. The maximum application rate for cotton seed is 1.0 oz. a.i./cwt (625 ppm). **VITAFLO™** 200 Flowable Fungicide should be applied as a slurry treatment by machine. Plant treated cotton seed a minimum of 1 inch deep.

USE RESTRICTIONS

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. Care must be exercised in the handling of treated seed. Do not graze or feed livestock on vines grown from treated seed.

USE PRECAUTIONS

When using formulations that do not contain dye, to comply with 21 CFR 2.25 and 40 CFR 153.155, treated seed 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.

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 of 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 Chemtura, no claims are made to guarantee germination of carry-over seed.

SEED LABELING

Seed that has been treated with this product that is then packaged or bagged for future use by growers or researchers must contain the following labeling on the outside of the seed package or bag:

"Treated Seed - Do Not Use for Food, Feed or Oil Purposes. This bag contains seed treated with carboxin and thiram (**VITAFLO™** 200 Flowable Fungicide).

When opening this bag or loading/pouring the treated seeds, wear long-sleeved shirt, long pants, shoes, socks and chemical resistant gloves.

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.

After the seeds have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. **Exception:** Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the seeds or soil/media surface.

Treated seeds are hazardous to fish, birds and mammals. Do not plant treated seeds by broadcasting to the soil surface. Ensure that all planted seeds are thoroughly covered with soil, especially in turn areas. If seeds are not thoroughly incorporated by the planter during planting, additional incorporation may be required to thoroughly cover exposed seeds.

"This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of federal law to kill, harm or harass listed animal species without authorization. To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying the seed. To determine whether your County or Parish has a bulletin consult <http://www.epa.gov/espp> before each season's use of this product. Bulletins also may be available from local pesticide dealers, extension offices, or State pesticide agencies."

IMPORTANT NOTICE

Chemtura Corporation warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and the buyer assumes the risk of any such use, to the extent consistent with applicable law.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

PESTICIDE STORAGE:

Store in a cool, dry location. Do not store in direct sunlight. Protect from extreme temperatures. Keep container closed when not in use. Do not store near food or feed. Stir before 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:

Nonrefillable plastic containers: Contact Chemtura or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

Nonrefillable metal containers: 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.

VITAFLO™ is a Trademark of Chemtura Corporation

Chemtura AgroSolutions™ is a trademark of Chemtura Corporation

©Copyright 2010, Chemtura Corporation

