

400-564

8-16-2007

1/12



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Willard F. Cummings
Product Registration Manager, N. America
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

AUG 16 2007

SUBJECT: Applications for Pesticide Notification – Change to Chemtura’s Label Format/Warranty
RTU®-PCNB EPA Reg. No. 400-526
Application Dated June 7, 2007
Protector-L EPA Reg. No. 400-559
Protector-D EPA Reg. No. 400-562
Applications Dated June 5, 2007
✓ Vitaflo™-280 EPA Reg. No. 400-564
Application Dated July 3, 2007

Dear Mr. Cummings:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above products. The Registration Division (RD) has conducted a review of these requests for their applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The labels submitted with the applications have been stamped “Notification” and will be placed in our records.

If you have any questions, please contact me directly at 703-305-6249 or Terri Stowe of my staff at 703-305-6117.

Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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

1. Company / Product Name 400-564	2. EPA Product Manager Linda Arrington	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company / Product (Name) VitaFlo™-280	PM# Notification	
5. Name and Address of Applicant (Include ZIP Code) Chemtura Corporation 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.	NOTIFICATION	<input type="checkbox"/> Final printed labels in response to Agency letter dated
<input type="checkbox"/> Resubmission in response to Agency letter dated	AUG 16 2007	<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.)

This notification is consistent with the provisions of PR Notice 95-2 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 95-2 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.

- Label changed to Chemtura's format, emergency phone numbers and warranty statement

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No <i>* Certification must be submitted</i>	Other 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) _____
	If "Yes" Unit Packaging wgt _____ No. Per container _____	If "Yes" Packaging wgt _____ No. Per container _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
6. Manner in Which Label is Affixed to Product		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling Accompanying 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 Betsy K. Katzman	Title Registration Specialist	Telephone No. (Include Area Code) (203) 573-2456
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 (Stamped)
2. Signature <i>Betsy K. Katzman</i>		
3. Title Registration Manager, N. America	5. Date July 3, 2007	
4. Typed Name Michael R. Dupré		



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July 3, 2007

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202-4501

NOTIFICATION

AUG 16 2007

Attention: Ms. Linda Arrington, Notifications
Registration Division (7505P)

Subject: Vitaflo™-280 (EPA Reg No. 400-564)
Label Notification - Chemtura emergency phone numbers and
warranty statement

Dear Ms. Arrington:

Vitaflo-280 was recently transferred from Gustafson LLC (7501-133) to Chemtura (400-564). Although it is not required to send in a label, a copy is being forward for the Agency's records since the label has been changed from Gustafson's to Chemtura's format, emergency phone numbers and warranty statement.

This submission includes the following:

1. Application for Pesticide Label Amendment (form 8570-1).
2. Five copies of the revised Vitaflo-280 (400-564 001/030104) label.
3. Certification with Respect to Label Integrity.
4. PDF file of proposed product label on CD-ROM named:
 - 000400-00564.20070703001.Chemtura.pdf

Should you have any questions regarding this submission, please contact Betsy Katzman at 203-573-2456 or email betsy.katzman@chemtura.com. Thank you.

Sincerely,

CHEMTURA CORPORATION

Michael R. Dupré
Registration Manager, N. America

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NOTIFICATION

AUG 16 2007

Certification with Respect to Label Integrity

version 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

PROPOSED LABEL		
EPA Registration #	Date Submitted to EPA	Electronic file name
400-564	07/03/07	000400-00564.20070703001.Chemtura.pdf

I certify that the statements that I have made on this form 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.

Betsy K. Katz
Signature

07/03/07
Date

Michael R. Dupré
Name (typed)

Registration Manager, N. America
Title

NOTIFICATION 5/12

AUG 16 2007



"Blem, Allen - Middlebury,
CT"
<Allen.Blem@chemtura.com>

To Terri Stowe/DC/USEPA/US@EPA

cc

bcc

08/16/2007 01:32 PM

Subject RE: Chemtura's Warranty Statements for EPA Reg. #s
400-554 (07/06/07 App. Date) and 400-564 (07/03/07 App.
Date)

History:

✉ This message has been replied to.

Hi, Terri

400-554: Betsy worked with Tawanda Spears on this one. The Warranty Statement was one of the several changes that were required. The changes were substantially similar to those you requested for the initial 3 products. On August 9, Tawanda reported that the "label is currently with management for review/signature". We haven't seen anything yet. A copy of the last draft label sent to EPA (7/18/07) is attached.

400-564: I've amended the draft label with the Warranty Statement and attached it to this message, for substitution into the Notification.

Please let me know if you need anything else for these labels.

Allen

-----Original Message-----

From: Stowe.Terri@epamail.epa.gov [mailto:Stowe.Terri@epamail.epa.gov]

Sent: Thursday, August 16, 2007 12:31 PM

To: Blem, Allen - Middlebury, CT

Subject: Chemtura's Warranty Statements for EPA Reg. #s 400-554
(07/06/07 App. Date) and 400-564 (07/03/07 App. Date)

Importance: High

Hi Allen,

I was sidetracked with another "special project" for my Division Director, but I'm working on your Notifications now. As I was going through our tracking system, I found 2 other products (EPA Reg. #s 400-554; 07/06/07 App. Date and 400-564; 07/03/07 App. Date. Will you be updating the Warranty statements on these products? If yes, then please send me the revised labels for them and I will process them along with the 3 other products.

Best regards,

Terri

Terri Stowe
Senior Regulatory Specialist
(703) 305-6117 Voice, (703) 305-6920 Fax
U.S. Environmental Protection Agency
Office of Pesticide Programs
Registration Division (Mail Code 7505P)

6/12

1200 Pennsylvania Avenue, NW
Washington, DC 20460

Courier Address: 2777 Crystal Drive, 1 Potomac Yard, Mail Room S-1508,
Arlington, VA 22202

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Enhance 400-554 ver 002.pdf Vitaflo 280 400-564 001 ver2.pdf

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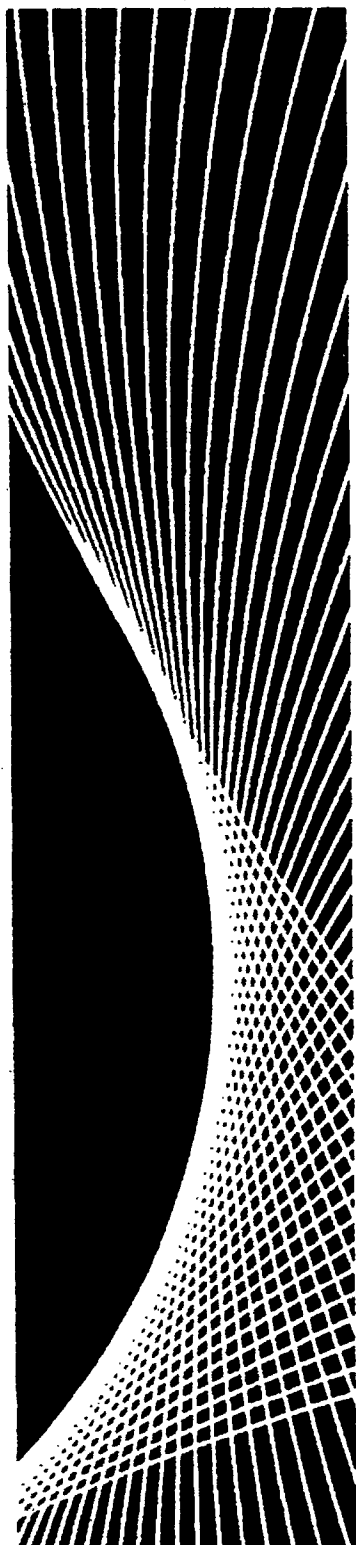
Vitaflo™-280

FLOWABLE FUNGICIDE

For Use Only By Commercial Seed Treaters

NOTIFICATION

AUG 16 2007



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

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lens, 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"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
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 mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
NOTE TO PHYSICIAN: Contains petroleum distillate - vomiting may cause aspiration pneumonia.	
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. 400-564

EPA EST. NO.

001/030104

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



www.chemtura.com

8/12

**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. Do not use or store near food or feed. Consumption of alcoholic beverages increases the toxic effect of Thiram. During commercial exposure in seed treatment and loading operations, wear goggles, clean rubber gloves, protective clothing; for exposures in enclosed areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter; for exposures outdoors, a NIOSH approved respirator with any R, P or HE filter. 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.

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. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

VITAFLO-280 is a combination of a systemic fungicide (VITAVAX®) and a contact fungicide (Thiram) providing plant protection against seed and soilborne seedling diseases including damping-off and seed decay. In addition, VITAFLO-280 provides protection against the following cereal grain diseases: Barley: covered smut (*Ustilago hordei*), true loose smut (*U. nuda*), suppression of net blotch (*Helminthosporium teres*). Canola: *Rhizoctonia solani*, *Pythium* seed and seedling decay, *Phoma* (black leg) and *Alternaria* blight. 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 rechecked 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. Use closed loading system.

TREATMENT RATE FOR UNDILUTED VITAFLO-280

CROP	fl. oz. per cwt. seed
Barley, Wheat	3.5 - 5.0
(The 3.5 fl. oz. rate will give partial control in true loose smut in wheat and barley. Use the 5 fl. oz. rate for control of true loose smut.)	
Canola, rapeseed	8.8
Oats	5.0
Triticale	3.0
Corn (field & sweet)	4.5
Soybeans, Beans	4.0

CORN HEAD SMUT: For protection against 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 first few weeks after planting may increase the incidence of head smut. Will not control soil-borne head smut.

USE RESTRICTIONS

- VITAFLO-280 will not freeze solid even in extreme winter temperatures.
- For cleaning lines and reservoirs, flush with water. Rinse water should be used for dilutions of VITAFLO-280.
- Seedling rate should be checked during planting.
- Stir well before using.
- Prior to each use, stir contents for approximately 2 minutes with the internal hand operated agitator.
- 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.
- Rape greens grown and harvested from VITAFLO-280 treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from VITAFLO-280 treated seed is only for industrial uses and can not be used for edible oil or any other human/feed consumption.

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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 proven 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. Do not graze or feed livestock on treated area for six weeks after planting grain crops. Do not graze or feed livestock on vines grown from treated bean or soybean seed." Add appropriate information for any other chemical treatments.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store VITAFLO-280 in direct sunlight. Do not store VITAFLO-280 at temperatures above 95° F.

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.

IMPORTANT NOTICE

Chemtura Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label only when used in accordance with directions, instructions and restrictions specified on the label. To the extent consistent with applicable law, Chemtura neither makes nor authorizes any agent or representative to make any other warranty, (including any other warranty of FITNESS or MERCHANTABILITY), guarantee or representation, express or implied, concerning this product. Notwithstanding any breach of this limited warranty, in no event shall Chemtura be liable for special, indirect or consequential damages, to the extent consistent with applicable law.

Seed Treatment Warranty Statement

Treatment of highly mechanically damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond control of Chemtura, to the extent consistent with applicable law, Chemtura makes no claims of guarantees as to germination of carry-over seed.

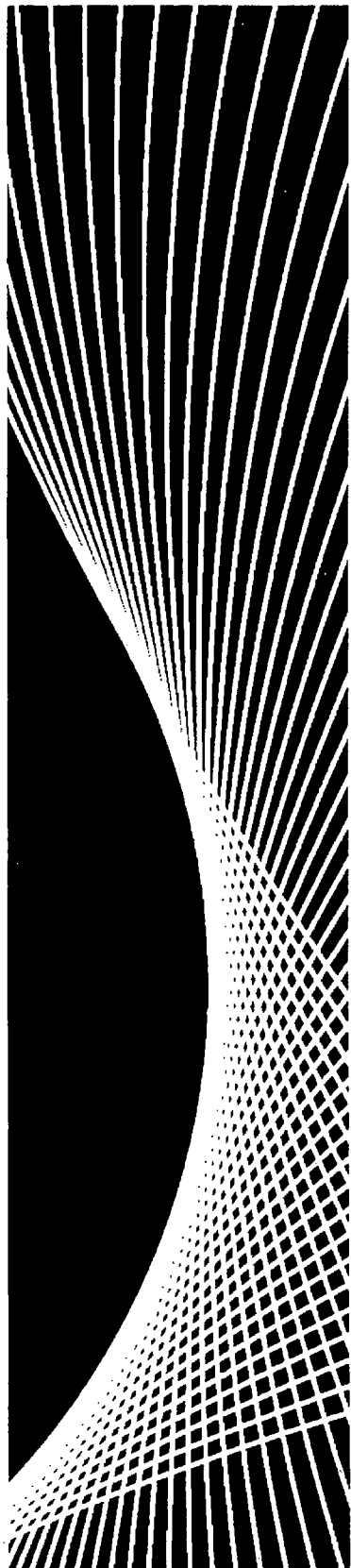
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VITAFLO™ is a trademark of Chemtura Corporation
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SUPERCEDED BY 10/12
08/16/07 LABOR

Vitaflo™-280

FLOWABLE FUNGICIDE

For Use Only By Commercial Seed Treaters



Active Ingredients:

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	14.9%
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Total:	100.0%

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FIRST AID	
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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 mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
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EPA REG. NO. 400-564
EPA EST. NO.
001/030104

Manufactured for:
Chemtura Corporation
199 Benson Road
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www.chemtura.com

11/12

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USE RESTRICTIONS

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12/12

USE PRECAUTION

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COMPATIBILITY

VITAFLO-280 Flowable Fungicide should not be tank mixed with any pesticide unless adequate physical compatibility and phytotoxicity tests have been completed and proven to be satisfactory.

SEED LABELING

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IMPORTANT NOTICE

Seller 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, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

VITAVAX® is a registered trademark of Chemtura Corporation
VITAFLO™ is a trademark of Chemtura Corporation

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Do not store VITAFLO-280 in direct sunlight. Do not store VITAFLO-280 at temperatures above 95° F.

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.