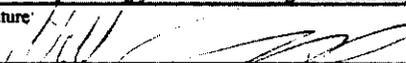


400-156

3-28-2003

1/8

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
<b>Application for Pesticide - Section I</b>			
1. Company / Product Name 400-156		2. EPA Product Manager Mary Waller	
4. Company / Product (Name) Vitavax®-M		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
5. Name and Address of Applicant (Include ZIP Code) Crompton Corporation 74 Amity Road Bethany, Connecticut 06524-3402 <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: <b>NOTIFICATION</b> EPA Reg No. _____ Product Name <u>MAR 28 2003</u>	
<b>Section II</b>			
<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.	
<b>Explanation: Use additional page(s) if necessary. (For section I and Section II.)</b> - 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. - Deletion of label statement: "This product contains the toxic inert ingredient Rhodamine B dye." - Added "First Aid" heading.			
<b>Section - III</b>			
1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No * Certification must be submitted	Other Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Packaging wgt	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) _____
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	
5. Location of Label Directions <input type="checkbox"/> Label <input type="checkbox"/> On Label of accompanying product		6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled Other _____	
<b>Section - IV</b>			
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Willard F. Cummings		Title Manager U.S. Registration	
Telephone No. (Include Area Code) (203) 393-2163		6. Date Application Received (Stamped)	
<b>Certification</b> 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.			
2. Signature 		3. Title Manager U.S. Registration	
4. Typed Name Willard F. Cummings		5. Date February 25, 2003	

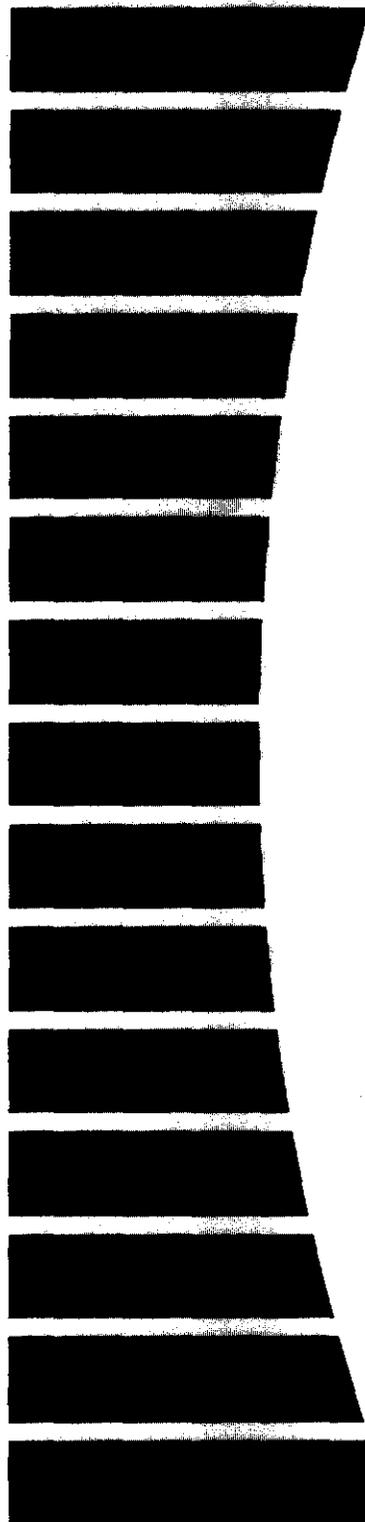
2/8

NOTIFICATION  
MAR 28 2003

# Vitavax<sup>®</sup>-M Flowable Fungicide

(Vitavax and Thiram plus Molybdenum)

Net Contents:



Active Ingredients: (% by weight)	
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-3-carboxamide) .....	5.7%
Thiram (tetramethylthiuram disulfide) .....	5.7%
Inert Ingredients: .....	88.6%
Total: .....	100.0%

Contains 2.90% of elemental Molybdenum from sodium molybdate.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

**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. 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.

**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. Do not use or store near food or feed. Avoid inhaling spray mist. Consumption of alcoholic beverages increases the toxic effects of thiram.

**PERSONAL PROTECTIVE EQUIPMENT**

**Applicators and Other Handlers Must Wear:** A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear.

For exposures in enclosed areas: A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N,R,P, or HE prefilter. For exposure outdoors: Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N,P,R, or HE filter.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

EPA REG. NO. 400-156  
EPA EST. NO.  
005CM

Crompton Manufacturing Company, Inc.  
Middlebury, CT 06749

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are Registered Trademarks of a  
subsidiary of Crompton Corporation



www.cromptoncorp.com

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.

**USER SAFETY RECOMMENDATIONS**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

**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.

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, either directly or through drift. 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: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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, such as plants, soil, or water, is:

- coveralls
- waterproof gloves
- shoes plus socks
- protective eyewear

VITAVAX-M Flowable Fungicide is a ready-to-use seed treatment. VITAVAX-M Flowable Fungicide combines the systemic action of carboxin with the surface action of thiram to control various seed and seedling diseases. VITAVAX-M Flowable Fungicide also contains the micronutrient molybdenum.

Mix well before use: Apply VITAVAX-M Flowable Fungicide directly to seed in hopper box. Partially fill hopper box with a premeasured amount of seed. Apply the proper amount of VITAVAX-M Flowable Fungicide evenly over the surface of the seed. Mix with a stick or paddle until a uniform color is imparted to all seed. Repeat procedure until hopper box is filled. For mechanical seed treaters apply VITAVAX-M Flowable Fungicide at a dosage of twelve fl. oz. per 100 pounds of seed directly to a premeasured amount of seed and mix thoroughly until all seed have a uniform color.

**SOYBEANS AND DRY BEANS**

For control of *Rhizoctonia solani*, use 6 fl. oz. of VITAVAX-M Flowable Fungicide per bushel of seed or 12 fl. oz. per 100 pounds of seed. On

soybeans do not graze or feed livestock on forage and hay on treated areas. On dry beans, do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted.

**RICE**

VITAVAX-M Flowable Fungicide is particularly effective against *Rhizoctonia solani* and *helminthosporium oryzae*.

Use 9-12 fluid ounces of VITAVAX POUR-ON Flowable Fungicide per 100 pounds of seed applied as a pour-on treatment or by machine. The higher rate is recommended for control of *Helminthosporium oryzae*.

**BARLEY, OATS, WHEAT AND TRITICALE**

VITAVAX-M Flowable Fungicide provides control of the following diseases:

- Barley - loose smut (*Ustilago nuda*)  
covered smut (*U. hordei*)
- Oats - loose smut (*U. avenae*)  
covered smut (*U. kolleri*)
- Wheat - loose smut (*U. tritici*)  
common bunt (*Tilletia caries*)

Triticale - seed decay, damping off, and seedling blight.

Use at the rate of 9-12 fluid ounces per 100 pounds of seed as a pour on treatment. Uniform coverage is essential for product performance. Use the higher rate under conditions of expected heavy disease pressure. Do not graze or feed livestock on treated areas for six weeks after planting.

**COMPATIBILITY**

VITAVAX-M 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.

**USE RESTRICTIONS**

This product contains a dye which imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed for oil purposes or as food for man or feed for animals. 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 LABELING**

"This seed is treated with carboxin and thiram (VITAVAX-M Flowable Fungicide) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes. On oats, barley, wheat and triticale, do not graze or feed livestock on treated areas for six weeks after planting. On soybeans, do not graze or feed livestock on forage and hay in treated areas. On dry beans, do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted." Add appropriate information for any other chemical treatments.

**STORAGE AND DISPOSAL**

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

**EMERGENCY ASSISTANCE:**

**CROMPTON EMERGENCY PHONE 800-292-5898**

**SAFETY DATA AND INFORMATION 203-573-3303**

**TRANSPORTATION EMERGENCY (CHEMTREC) 800-424-9300**

**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, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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**Uniroyal Chemical**

February 25, 2003

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, Virginia 22202

Attention: Ms. Mary Waller, PM 21  
Registration Division (7505C)

Subject: **Vitavax®-M Flowable Fungicide**  
**EPA Reg. No. 400-156**  
**Removal of List 1 Required Label Wording**

Dear Ms. Waller:

Enclosed is amended labeling for the above referenced product. This label change was submitted on November 18, 2002. We hereby request to make the label change via the notification method. Since the dye in the seed treatment product, Rhodamine B dye, has been moved from EPA List 1 to EPA List 4B, we request to delete the following label statement.

"This product contains the toxic inert ingredient Rhodamine B dye."

**Background:** In 1987 EPA announced its policy on toxic inert ingredients in the FR of April 22, 1987 (52FR13305). EPA encouraged the use of the least toxic inerts available and required the development of data necessary to determine the conditions of safe use of products that contained the toxic inerts. At that time, Rhodamine B dye was placed on List 1, Inerts of Toxicological Concern. Being a list 1 inert, it also was subject to the labeling requirement in the paragraph above. A copy of the FR notice is attached as item 1.

A task force composed of seed treatment companies developed data during the 1990's to demonstrate that under the conditions of use, the chemical is not likely to result in residues in food or feed. In part, as a result of that effort, the EPA created a new subpart E in 40CFR part 180. The subpart is titled: "Pesticide chemicals not requiring a tolerance or an exemption from a tolerance." Rhodamine was placed in the new subpart 180.2020. Rhodamine B is now limited to uses as a dye for seed treatment, and must meet the limits stated in 180.2020: "Not to exceed 2% by weight of the formulated product and 60 ppm on the treated seed." The Final rule was published in 66FR66769. A copy of the Final Rule is attached as item 2.

Crompton Corporation

74 Amity Road, Bethany, CT 06524-3402 (203) 393-2163 (203) 393-2290 fax

Ms. Mary Waller, PM-21  
February 25, 2003  
Page 2

Then in March 2002, the EPA reclassified Rhodamine B from List 1 to List 4B. This notice was published in **67FR10718**. List 4B inerts are "inerts for which EPA has sufficient information to reasonably conclude that the current use pattern in pesticide products will not adversely affect public health or the environment." A copy of that Federal Register notice is attached as item 3.

Kerry Leifer agrees that the List 1 required label statement is no longer appropriate and may be removed from applicable labels. Feel free to contact me if you have any questions.

Sincerely,

CROMPTON CORPORATION



Willard F. Cummings  
U.S. Registration Manager  
Crop Protection  
Research & Development

**Attachments:**

- 1) Federal Register - 52FR13305
- 2) " " - 66FR66769
- 3) " " - 67FR10718
- 4) Application for Pesticide Label Notification (form 8570-1).
- 5) Five copies of the revised Vitavax®-M Flowable Fungicide (400-156) label
- 6) One copy of the current Vitavax®-M Flowable Fungicide (400-156) label.