

66330-22 05/23/2000

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAY 23 2000

Ms Annette M. Flores
TOMEN AGRO, Inc.
100 First Street, Suite 1700
San Francisco, CA 94105

Dear Ms. Flores:

Subject: EPA Registrations Number 66330-22
Captan Vitavax 20-20 Seed Protectant
Amendment - To comply with PR Notice 91-2
Your submission dated February 18, 1998.

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Change the STATEMENT OF PRACTICAL TREATMENT to read, "FIRST AID".

2. Change the FIRST AID statements to read:

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 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: Call 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.

IF INHALED: 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: 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.

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(The above changes must be made to comply with PR Notice 2000-3 by October 1, 2001.)

3. PRECAUTIONARY STATEMENTS MUST READ:
Corrosive. Causes irreversible eye damage. Harmful if swallowed of inhaled. Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing dust. May cause allergic skin reaction.

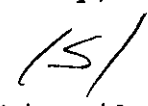
4. Under PRECAUTIONARY STATEMENTS, PERSONAL PROTECTIVE EQUIPMENT change "Waterproof gloves" to read "Chemical Resistant Gloves" (such as polyethylene or polyvinyl). Also add, "Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category selection chart.

5. Under AGRICULTURAL USE REQUIREMENTS change "Waterproof gloves" to read "Chemical Resistant Gloves (such as polyethylene or polyvinyl chloride).

The new basic formulation dated January 29, 2000 is acceptable and supersedes all previously accepted CSFs. A copy of your new CSF has been inserted into the file for this product.

Submit one (1) copy of the revised final label for the record before you release the product for shipment.

Sincerely,



Cynthia Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosure:

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CAPTAN Vitavax® 20-20 Seed Protectant

ACTIVE INGREDIENTS:	By Wt.
*Captan.....	19.6%
Related Derivatives.....	0.4%
**Carboxin.....	20.0%
INERT INGREDIENTS:	60.00%
Total:	100.00%

- * N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
- ** 5,6-Dihydro-2-methyl-1,4 oxathum-3-carboxanilide

EPA Reg. No. 10182-32166330-22
EPA Est. No.

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN

DANGER – PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Side Panel for Additional Precautionary Statements

Made in U.S.A.
ZENECA Ag Products TOMEN AGRO, Inc.
ZENECA Inc. 100 First Street, Suite 1700
Wilmington, DE 19897 San Francisco, CA 94105

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

MAY 23 2000

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

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STATEMENT OF PRACTICAL TREATMENT

~~Contact~~ Call a physician, or Poison Control Center, or emergency clinic before inducing vomiting. Give water or milk to drink. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice cannot be obtained, take person and a copy of the label or technical bulletin to the nearest emergency treatment facility. If person is unconscious do not give anything by mouth and do not induce vomiting.

IF IN EYES: Wash eyes with fresh water for at least 15 minutes and see a doctor. Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN: Wash skin with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove person victim from exposure area to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL (800) F-A-S-T-M-E-D (327-8633) 1-800-228-5635 ext. 174 OR 1-651-632-8946.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE ALLERGIC SKIN REACTIONS. HARMFUL IF ABSORBED THROUGH SKIN. Do not get in eyes. Avoid contact with skin and/or clothing. Avoid inhalation of breathing dust. May cause allergic skin reaction.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear

Mixers and Loaders must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when mixing or loading
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

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

When handlers use closed systems, enclosed cabs, or aircraft 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 in the 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.
 - 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.
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ENVIRONMENTAL HAZARDS

This product is toxic to fish. 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 clean equipment or dispose of equipment washwaters in a manner that will contaminate water resources. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

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DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

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 part 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 protection 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 4 days.

Exception: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor or other tasks involving contact with anything that has been treated, such as plants, soil or water, without time limit, if they wear the early entry Personal protective equipment listed below.

Exception: If the product is used for seed treatment, 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
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DIRECTIONS: MEASURING CUP ENCLOSED
(One level cup holds approximately 4 ounces of product.)

Captan Vitavax 20-20 Seed Protectant is a formulation specifically designed for treatment of wheat, oat and barley seed on the farm at planting time. It controls covered smut (Tilletia caries and Tilletia loetida) and loose smut (Ustilage nuda) on wheat, covered smut (Ustilage kollen) and loose smut (Ustilage avenae) of oats and covered smut (Ustilage herdei) and loose smut (Ustilage nuda) of barley. It also tends to reduce seed rot and seedling blight caused by soil fungi.

Wheat	
Oats	Use 4 oz. per 100 lbs. of seed.
Barley	

Captan Vitavax 20-20 Seed Protectant also controls various seed and seedling diseases of soybeans.

Soybeans	Use 3 oz. (3/4 cup) per bushel.
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Apply as a drill-box treatment, mixing thoroughly with the seed before planting. For best results, the following procedure is suggested: Fill drill-box only half full of seed, add half the required amount of Captan Vitavax 20-20 Seed Protectant and mix thoroughly with a stick. Then add remainder of seed to drill-box and add the rest of the required amount of product to the seed, again mixing thoroughly.

Good results are also obtained by premixing seed with the product in a suitable container, then pouring treated seed into drill-box.

Do not use treated seed for food, or oil purposes. Do not graze or feed livestock on treated areas for six weeks after planting. Seeds treated with Captan Vitavax 20-20 Seed Protectant, sold or shipped as feed or food-stuffs may be considered adulterated under state and federal laws. Treated seed should be labeled as follows: **"TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."**

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STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

STORAGE: Keep pesticide in original container. Do not concentrate or dilute into food or drink containers. Store in cool, dry place. Protect from excessive heat. Do not store or transport near feed or food. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

PESTICIDE DISPOSAL: This product is acutely hazardous. 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). Do not reuse container. Offer for recycling, reconditioning, or puncture and dispose in a sanitary landfill, or incineration or, if allowed by State and local authorities by burning. If burned stay out of smoke.

~~**NOTICE TO BUYER AND USER:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.~~

NOTICE TO BUYER AND USER:

CONDITIONS OF SALE:

1. TOMEN AGRO, Inc. warrants that this product conforms to the chemical description on the label and is reasonable fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Tomen. TOMEN DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY

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SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. TOMEN DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

3. Critical and unforeseeable factors beyond Tomen's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated on the label and even though label directions are followed. Except as stated in 1 above, Buyer and User acknowledge and assume all risks and liability resulting from handling, storage, and use of this product.