

66330-18

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 66330-18  
Captan 10 Dust Fungicide  
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 or 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 30, 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,

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

Enclosure:

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### CAPTAN 10 DUST FUNGICIDE

ACTIVE INGREDIENTS:	By Wt.
Captan* .....	9.8%
Related Derivatives .....	0.2%
INERT INGREDIENTS: .....	90.0%
<b>TOTAL</b> .....	<b>100.0%</b>

\* N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide.

**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).

#### STATEMENT OF PRACTICE TREATMENT

IF IN EYES: Immediately flush eyes with fresh water for 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 SWALLOWED: 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 ON SKIN: Wash thoroughly with plenty of soap and water. If a skin rash develops, see a doctor. Get medical attention if irritation persists.

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

**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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## 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~~ breathing of dust. May cause allergic skin reactions.

### PERSONAL PROTECTIVE EQUIPMENT

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

- Long-sleeved shirt and long pants
- Waterproof gloves
- 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.

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### 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. 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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## DIRECTION 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.

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### 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), notification to workers, 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 PPE 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 not 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

**ORNAMENTALS: ROSES** – Black Spot. **CARNATIONS** – Rust and Leaf Spot.  
**CHRYSANTHEMUMS** – Flower Blight – Apply at first sign of disease to give even coverage of upper and lower leaf surfaces. Repeat at 7 to 10 day intervals as necessary.

**POTATOES:** (Seed Pieces): Damp Off – Dust at 7½ ounces per bushel cut seed pieces (12 oz. or ¾ lb. to 100 lbs. cut seed pieces). Apply in convenient container or by duster attachment over belt. Cut pieces should be treated within 6 hours of cutting. If planting is to be delayed more than 1 or 2 days the treated pieces should be stored for 2 days in open crates before bagging. Do not use treated seed for food or feed purposes.

**SOIL AND GREENHOUSE BENCH TREATMENT:** Preplanting for Damp Off and Root Rot Diseases of Seedling or Transplants of Roses (and other shrubs and trees), Many Flowers and Lawn Seedbeds – 1¼ to 1½ lbs. per 1000 sq. ft. (50 to 60 lbs. per acre). Work into upper 3 to 4 inches of soil before planting. Only the applicator is permitted to be in the greenhouse during application of captan. Open vents to greenhouse during application and for at least 1 hour after application.

**STOCK:** Botrytis Rot – Use 40 to 50 lbs. per acre. Apply when disease appears. Repeat at weekly intervals as needed.

**TURF, LAWN:** Brown Patch, Leaf Spot, Damp Off, Root Rot – Use 1 to 2 lbs. per 1000 sq. ft. Treat before infection occurs. Repeat at 7 to 10 day intervals throughout summer.

**COMPATIBILITY:** Do not use this product on foliage closely following oil sprays.

Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

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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 store or transport near feed or food. Store in cool, dry place. Protect from excessive heat. For help with any spill, leak, fire or exposure involving this material, call day or night (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 instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty liner by shaking and taping sides and bottom to loosen clinging particles. Empty residue into application equipment. Do not reuse container. Dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

~~**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 reasonably 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, EXPRESS 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**



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**AND SELLER'S SOLE LIABILITY AND BUYERS AND USER'S EXCLUSIVE  
REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.  
TOMEN DOES NOT AUTHORIZE ANY AGENT OR THE 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 and 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.