

NOV 22 1989

Mr. S. K. Theodorakis  
ICI America, Inc.  
Agricultural Products - R & RA  
Concord Pike and New Murphy Road  
Wilmington, DE 19897

Dear Mr. Theodorakis:

Subject: Captan 15 Dust Fungicide  
EPA Registration No. 10182-305  
Application Dated November 16, 1989

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

1. Delete reference to a technical bulletin in the Statement of Practical Treatment, until you submit a technical bulletin and it is accepted under this registration.
2. Revise use-patterns with ranges of dosimetry by instructing the user when to use the high dosage and when to use the low dosage.
3. Submit five (5) printed copies of the final printed labels before releasing the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA, Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Joanne I. Hiller  
Acting Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

**BEST AVAILABLE COPY**

CAPTAN 15 DUST FUNGICIDE

Active Ingredients	By Wt.
*Captan. . . . .	14.7%
Related Derivatives . . . . .	0.3%
Inert Ingredients . . . . .	85.0%
*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide.	

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

PRECAUCION AL USUARIO: Si usted no lee  
ingles, no use este producto hasta que la etiqueta  
le haya sido explicada ampliamente.

SEE SIDE PANEL FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

In case of eye contact, immediately flush eyes with fresh water for 15 minutes and see a doctor. If swallowed contact physician, poison control center, or emergency clinic before inducing vomiting. Give water or milk to drink 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. For skin contact, wash with plenty of soap and water. See a doctor if irritation occurs or rash develops. If inhaled, remove person from exposure area.

FOR 24-HOUR EMERGENCY MEDIAL ASSISTANCE CALL 1-800-F-A-S-T-M-E-D (327-8633).

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

EPA Reg. No. 10182-305

EPA Est. No. 10182-

ICI Agricultural Products  
ICI Americas Inc.  
Wilmington, DE 19897

Net Weight:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 22 1989

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

10182-305

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS & DOMESTIC ANIMALS

#### DANGER

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Wear goggles or face shield when handling. Avoid contact with skin and clothing. Avoid inhalation of dust. Remove and separately launder clothing before reuse.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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.

### 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.

### REENTRY STATEMENT

Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift.

Do not allow persons to enter treated areas within 4 days following application unless a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet and chemically resistant gloves are worn. Conspicuously post reentry information at site of application.

Certain states may require more restrictive reentry intervals; consult your State Department of Agriculture for further information. Written or oral warnings regarding use of protective clothing and accidental exposure must be given to workers who are expected to be in treated areas or in areas about to be treated.

### DIRECTIONS

Mixers/loaders when mixing and loading this product must wear a long sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet. Wear chemical resistant gloves, goggles, or a face shield and a chemically resistant apron.

Fieldworkers and harvesters must wear chemical resistant gloves if entering treated areas within 4 days following application. Leather or fabric gloves are not acceptable.

A dust mask must be worn when mixing and loading this product.

During application only, if from a tractor with a completely enclosed cab a long sleeved shirt and long legged pants must be worn. Chemically resistant gloves must be available in the cab and worn while exiting.

**AFTER WORK:** Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

**ORNAMENTALS:** ROSES - Black Spots. 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 5 oz. per bushel cut seed pieces (8 oz. or  $\frac{1}{2}$  lb. to 100 lbs. cut seed pieces). Apply in convenient container or by duster attachment over belt. Cut pieces should be treated within 5 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 on Seedlings or Transplants of Roses (And other shrubs and trees). Many Flowers and Lawn Seedbeds -  $1\frac{1}{2}$  to 2 lbs. per 1000 sq. ft. (50 to 60 lbs. per acre). For California:  $1\frac{1}{2}$  lbs. per 1000 sq. ft. (35 to 50 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 and for at least 1 hour after application. Workers planting in captan treated soil in greenhouses must wear chemical resistant gloves.

**TURF AND LAWN:** Brown Patch, Leaf Spot, Damp Off, Root Rot - 1 to  $1\frac{1}{2}$  lbs. per 1000 sq. ft. Begin treatment before infection occurs. Repeat at 7 to 10 day intervals throughout summer.

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.

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

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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 instructions, 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.

