

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0080. Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
243873

Application for Pesticide - Section I

1. Company/Product Number 10182-200	2. EPA Product Manager Joanne L. Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Captan-Methoxychlor 75-5 Seed Protectant	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Zeneca Agricultural Products P.O. Box 15458 Wilmington, DE 19850-5458 <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.	<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.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Deleting those specified un-support uses from the label.

BEST COPY AVAILABLE

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to 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 Nancy Bockrath	Title Regulatory Assistant	Telephone No. (Include Area Code) 302-886-1066
2. Signature <i>Nancy Bockrath</i>		6. Date Application Received (Stamped)
3. Title Regulatory Assistant		
4. Typed Name Nancy Bockrath		
5. Date November 1, 1995		

**CAPTAN-METHOXYCHLOR 75-5 SEED PROTECTANT
SLURRY APPLICATION FOR SEED DISEASE AND INSECT CONTROL
COMMERCIAL USE ONLY**

DYE ADDED

ACTIVE INGREDIENTS:

*CAPTAN	72.3%
Related Derivatives	1.6%
**Methoxychlor	5.0%
INERT INGREDIENTS:	<u>21.1%</u>
	100.0%

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

**Equivalent to 4.4% of 2,2-bis (p-methoxyphenyl) -1,1,1-thrchloro-ethane and 0.6% other isomers and related compounds.

~~This product contains the toxic inert ingredient Rhodamine-B~~

EPA Reg. No. 10182-200
EPA Est. No.

50 LBS. Net 22.7 Kg
A-4R

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified:
Country: United States of America.

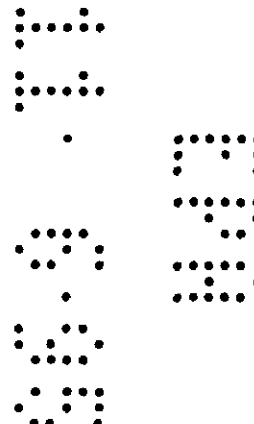
KEEP OUT OF REACH OF CHILDREN

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.)

CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE

Made in U.S.A. by
ICI Agricultural Products
ICI Americas Inc.
ZENECA Ag Products
ZENECA Inc.
Wilmington, Delaware 19897 19850-5458



STATEMENT OF PRACTICAL TREATMENT

Immediately start the procedures given below and contact a POISON CENTER, A PHYSICIAN, OR THE NEAREST HOSPITAL. Describe the type and extent of exposure, the victim's symptoms and follow the advice given.

If in eyes: Flush with plenty of water. Call a physician.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions, or if these are not available, drink large quantities of water. Avoid alcohol.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If on skin: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

FOR 24-HOUR EMERGENCY MEDICAL 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

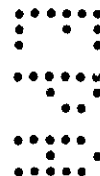
Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. ~~Wear goggles or face shield when handling.~~ Avoid contact with skin and clothing. Avoid inhalation of dust or spray mist. ~~Remove and separately launder clothing before reuse.~~

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 contaminate water when disposing of equipment washwaters. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

NOTICE - READ CAREFULLY

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.



1.3

DIRECTIONS FOR USE

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

CAPTAN-METHOXYCHLOR 75-5 SEED PROTECTANT is a special wettable powder formulation for the slurry treatment of seed, prior to planting, for protection against certain fungus diseases and insects.

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

USE PRECAUTIONS

~~Read all label instructions before using and use only as specified on this label.~~

~~Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and separately launder clothing before reuse.~~

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

~~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. Leather or fabric gloves are not acceptable.~~

~~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.~~

PERSONAL PROTECTIVE EQUIPMENT

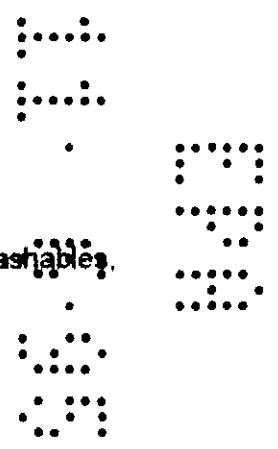
Applicators and other handlers (other than mixers and loaders) must wear:

- 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.

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.

SPECIAL USE PRECAUTIONS

IMPORTANT: Treated seeds must not be used for human consumption nor as animal feed. Bags containing treated seed should be labeled: "TREATED SEED. DO NOT USE FOR FEED, FOOD OR OIL PURPOSES." The Federal Government and some states have issued regulations for the application of special tags or labels to be affixed to bags containing treated seed.

SLURRY SEED TREATMENT:

Pre-mix the recommended amount of this material with a little water in a bucket and make a thin paste. Stir this paste into the required amount of water for the slurry equipment to be used.

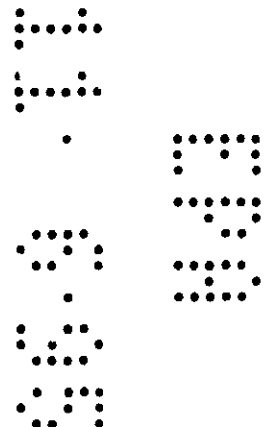
NOTE: Seed treated by the slurry method should not be bagged until such time as the seed has had an opportunity to dry. Store in well ventilated areas. If seed is bagged when wet, heat is developed and impairs seed germination.

RECOMMENDATIONS:

For control of many seed rots, seedling rots, root rots fungi, kernel smut of sorghum, and for protection of stored seed against Cadelle, Confused Flour Beetle, Flat Grain Beetle, Granary Weevil, Lesser Grain Borer, Red Flour Beetle, Rice Weevil, and Saw-Toothed Beetle.

AMOUNT OF CAPTAN-METHOXYCHLOR 75-5 TO USE ON SEEDS

Seed	Slurry
Alfalfa, Clover, Lespedeza, Trefoil	5½ oz / 100 lb.
Barley, Oats, Wheat	¾ oz / bu.
Beans (dry, Snap lima), Cowpeas, Peas	1 oz / bu.
Beets (garden)	8 oz / 100 lb.
Cantaloupe, Cucumber	2 oz / 100 lb.
Cole crops (broccoli, Brussels sprouts, cabbage, cauliflower)	1 oz / 100 lb.
Corn - Field	¾ oz / bu
- Sweet	2½ oz / 100 lb.



196

Cotton - Acid delinted	2 oz / 100 lb.
- Fuzzy	3 oz / 100 lb.
Crucifers (Mustard, Radis, Rape, Turnips)	1 oz / 100 lb.
Flax	1 1/2 oz / bu.
Grasses	5 1/2 oz / 100 lb.
Muskmelon, Pumpkin, Squash, Watermelon	1 1/2 oz / 100 lb.
Sorghum (hull-less)	1 1/4 oz / bu.
Soybeans	1 oz / bu.
Spinach	4 oz / 100 lb.
Sugar beets - (West)	4 oz / 100 lb.
- (East)	8 oz / 100 lb.
Swiss chard	8 oz / 100 lb.

Further specific information on this subject may be obtained from the State Agricultural Experiment Stations or the State Agricultural Extension Service.

STORAGE AND DISPOSAL

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

STORAGE: Keep pesticide in original container. Protect from excessive heat. Store in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide wastes are 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.

TREATED SEED DISPOSAL: To dispose of out-of-date or otherwise unmarketable seed which has been treated with captan for seed protectant purposes: Broadcast and lightly incorporate seed into field soils using a disc or other suitable implement. If rate of captan contained on the seed is unknown, have seed analyzed by a qualified analytical laboratory to determine. Do not plant seed at a seedling rate which will result in the application of more than 32 pounds of captan per acre per year. Any resulting crop may be destroyed by chemical or mechanical means, or, if useful for food or feed purposes, may be harvested for that use.

CONTAINER DISPOSAL: Do not reuse container. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

