

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
243872

Application for Pesticide - Section I

1. Company/Product Number 10182-190	2. EPA Product Manager Joanne Miller	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) CAPTAN 80 Seed Protectant	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Zeneca Ag 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.)  
Due to a typographical error, the word "Sprills" was inadvertently left on the label. The word has been removed from the second paragraph on Page 6.

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
		If "Yes" Package wgt	No. per container	<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"/> 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 October 26, 1995		



**STATEMENT OF PRACTICAL TREATMENT**

Immediately start the procedures given below and CONTACT A POISON CENTER, 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 ON SKIN:** Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

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

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**FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL (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.**

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**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. Avoid contact with skin and clothing. Avoid inhalation of dust or spray mist.

**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

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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.

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 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

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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.

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.**

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

CAPTAN 80 SEED PROTECTANT is a microfine wettable powder especially formulated for the treatment of seed, prior to storage and planting, to protect seed from molds and other fungi causing storage loss and to protect seed from seed-borne and soil-borne fungi which cause seed decay and seedling blights.

**COMPATIBILITY:** CAPTAN 80 SEED PROTECTANT can be used in combination with most commonly-used seed protectants, both insecticides and fungicides, as well as fertilizer. Do not use with strongly alkaline materials.

**PLANT SAFETY:** At the recommended dosage, CAPTAN 80 SEED PROTECTANT is non-injurious from the standpoint of seed injury or yield reduction. The germination of treated seed is frequently stimulated, giving a superior result as compared to results from other seed fungicides.

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SPECIAL USE PRECAUTIONS

SLURRY 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 and kernel smut of sorghum.

AMOUNT OF CAPTAN 80 SEED PROTECTANT TO USE ON SEEDS

SEED	SLURRY
Alfalfa, Clover, Lespedeza, Trefoil	5 oz./100 lb.
Barley, Oats, Wheat	2/3 oz./1 bu.
Beans (dry, snap, lima), Cowpeas, Peas	1 oz./bu.
Beets (garden)	7-1/2 oz./100 lb
Cantaloupe, Cucumber	2 oz./100 lb.
Cole Crops (broccoli, Brussels sprouts, cabbage, cauliflower)	1 oz./100 lb.
Corn - Field	2/3 oz./bu.
Sweet	2-1/3 oz./100 lb.
Cotton - Acid delinted	2 oz./100 lb.
Reginned	3 oz./100 lb.
Fuzzy	3 oz./100 lb.
Crucifers (Mustard, Radishes, Rape, Turnips)	1 oz./100 lb.
Flax	1-1/4 oz./bu.
Grasses	5 oz./100 lb.
Muskmelon, Pumpkin, Squash, Watermelon	1-1/4 oz./100 lb.
Onion (pelleting)	1 lb./1 lb.
Peanuts	3-3/4 oz./100 lb.
Sorghum (hull-less)	1-1/4 oz./1 bu.
Soybeans	1 oz./bu.
Sugar Beets West	3-3/4 oz./100 lb.
East	7 1/2 oz./100 lb.
Swiss Chard	7-1/2 oz./100 lb.

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

Do not feed treated seed to animals. Do not use treated seed for human consumption. Seeds treated with Captan Seed Protectant, sold or shipped as seed or foodstuffs, may be

considered adulterated under state and Federal laws. Treated seed must be labelled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL."

**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. Keep container tightly closed when not in use. Protect from excessive heat. Store in a cool, dry place.

**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.

**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.

**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.