

PM-23

Reg # 19713-261

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
213275

**Application for Pesticide - Section I**

1. Company/Product Number 19713-261	2. EPA Product Manager Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Drexel Captan 50/10	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Drexel Chemical Company 1700 Channel P.O. Box 13327 Memphis, TN 38113-0327 <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. N/A 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.)

~~Remove notification reference to "80 Bushel Size"~~  
Notification: Remove reference to "80 Bushel Size"

**NOTIFICATION**  
SEP 23 1996

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
* Certification must be submitted				Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container and bulk 1, 2, 2½, 5, 10, 20, 25, 50 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph 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 R. Franklin Handy	Title Technical Director	Telephone No. (Include Area Code) (901) 774-4370
2. Signature <i>R. Franklin Handy</i>		6. Date Application Received (Stamped)
3. Title Technical Director		
4. Typed Name R. Franklin Handy	5. Date 5 September 1996	

TEXT REMOVED (HIGHLIGHTED)



# Captan 50/10

Seed Protectant

Remove Text

Planter Box Seed Treatment for Corn and Soybeans. Fungicide Plus Molybdenum—80 Bushel Size.

**ACTIVE INGREDIENTS:**

Captan (N-trichloromethylthio-4-cyclohexene-1, 2-dicarboximide) .....

Related Derivatives .....

**INERT INGREDIENTS\*:**

TOTAL: .....

\*This product contains 10% Molybdenum (derived from sodium molybdate) and 15% of the non-oil lubricant Graphite.

48.9%  
1.1%  
50.0%  
100.0%

**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 this label, find someone to explain it to you in detail).*

EPA Reg. No. 19713-261  
EPA Est. No. 19713-GA-1

Manufactured By:

**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

Net Contents:

**5 Pounds**

261LB-0995

NOTIFICATION

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**STATEMENT OF PRACTICAL TREATMENT**

**FIRST AID:** If a known exposure occurs or is suspected, 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 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 CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

**PRECAUTIONARY STATEMENTS**

Hazardous To Humans And Domestic Animals  
**CORROSIVE, CAUSES IRREVERSIBLE EYE DAMAGE**

**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.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

Long-sleeved shirt and long pants

Waterproof gloves

Shoes plus socks

Protective eyewear

For exposure outdoors: Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

For exposures in enclosed areas: A respirator with either an organic vapor-removing cartridge with a pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

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.

**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. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.  
**STORE IN COOL, DRY PLACE - PROTECT FROM EXCESSIVE HEAT**

**GENERAL INFORMATION**

Do not use the contents of this container on less than 80 bushels of seed.

**SEED TREATMENT:** CAPTAN 50/10 is a special powder formulation for treatment of corn and soybean seed, prior to planting, for the temporary protection of germinating seeds and seedlings against seed and soil-borne diseases, including damping-off, seed decay organisms, and seedling blights. CAPTAN 50/10 provides 0.2 ounce of molybdenum per acre for plant nutrition and as an aid in the nitrogen fixation process of the soybean plant.

**PLANTER BOX APPLICATION:** Prepared for use directly in the planter box, or may be mixed in any commercial seed treater, barrel treater, or retailing container, such as a cement mixer. CAPTAN 50/10 contains a non-oil lubricant to help seeds to flow easily and evenly from planter box. Best protection will be obtained where every seed is coated with the chemical. **DO NOT USE TREATED SEED FOR FOOD, FEED OR OIL PURPOSE.**

**KEEP PLANTER PLATES CLEAN:** Grease or oil on plates can cause clogging.

Note: CAPTAN 50/10 has been mixed with graphite as an aid in safe handling and lubrication of equipment.

**DIRECTIONS FOR USE**

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

Remove  
Text

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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 protective 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 48 hours.

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 and protective eyewear.

#### RATE OF APPLICATION

SOYBEANS	CORN
2 oz. per bushel	1 1/3 oz. per bushel
3 1/2 oz. per 100 Lbs. of seed	2.4 ozs. per 100 Lbs. of seed

#### RATE OF APPLICATION

SEED IN PLANTER BOX	OUNCES OF CAPTAN 50/10	
	SOYBEANS	CORN
0.5 bushel	1 oz.	0.66 oz.
1.0 bushel	2 oz.	1.33 oz.

#### APPLICATION FOR SOYBEANS

CAPTAN 50/10 is an easy to use soybean seed treatment for planter box application. Plant soybeans at the rate of one bushel per acre for proper application of molybdenum. Apply CAPTAN 50/10 to seed in planter box and mix so that all seeds are covered. When CAPTAN 50/10 is used in combination with an inoculant, add this product first, stir, and the inoculant, stir. Plant as soon as possible.

Treated seed 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.

Caution: Empty container should be disposed by crushing and burying with wastes. Avoid inhaling dust. Avoid contact with skin. Do not contaminate feed, foodstuffs, or water.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**STORAGE INSTRUCTIONS:** Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Avoid storage at high temperatures. Do not stack over 2 pallets high. Move containers by handles or cases. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid contamination with acids or alkalies. Store in original container only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill; absorb with a material such as saw dust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with water and soap to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place a leaking container in a plastic tub and transfer contents as soon as possible to an empty original container.
6. Do not allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. 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). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY—CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather, and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage, and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.