

19713-261

3/12/2004

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Luz G. Chan  
Registration Manager  
Drexel Chemical Company  
P.O. Box 13327  
Memphis, TN 38113-0327

MAR 12 2004

Subject: Drexel Captan 50/10 Seed Protectant  
EPA Reg. No. 19713-261  
Amendment dated October 22, 2003

Dear Ms Chan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. In the section **ENVIRONMENTAL HAZARDS** (page 4), change the instructions to read "This chemical is toxic to fish. Do not contaminate water when disposing of equipment washwaters or rinsate."
2. In the **RATE OF APPLICATION** tables (page 7), change the rates for corn as follows:

First table:

1.12 ozs. per bushel  
2 ozs. per 100 lbs. seed

Second table:

(0.5 bushel) 0.56 oz.  
(1.0 bushel) 1.12 ozs.

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Giles-Parker".

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

Enclosure

2710

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

MAR 12 2004

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

19713-  
261

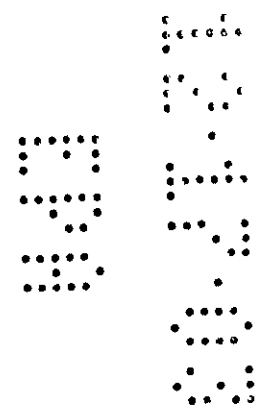


**Drexel**

***Captan 50/10***  
Seed Protectant

261SP-1003++ Pending

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Planter box seed treatment for Corn and Soybeans.

**Fungicide plus molybdenum**

**ACTIVE INGREDIENTS:**

Captan (N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide) . . . . .	48.9%
Related Derivatives . . . . .	1.1%

**OTHER INGREDIENTS\*:** . . . . . 50.0%

**TOTAL:** . . . . . 100.0%

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

**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.)

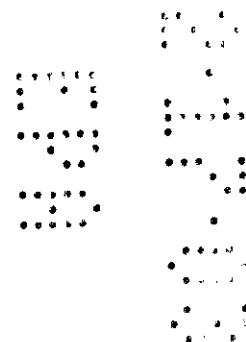
**Read Entire Label Before Using This Product**

**See FIRST AID Below**

**EPA Reg. No. 19713-261**

**EPA Est. No. 19713-GA-1**

**Net Contents:** \_\_\_\_\_



# FIRST AID

## IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

## IF SWALLOWED:

- Call a 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 a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing 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.

## IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

# PRECAUTIONARY STATEMENTS

## Hazards 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. Do not contaminate feed, foodstuffs or water.

## PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

(Continued)

**(Cont.)**

**Applicators and other handlers must wear:** Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material such as polyethylene or polyvinyl chloride, shoes plus socks and protective eyewear.

**For exposure outdoors:** Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter.

**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), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P or HE prefilter.

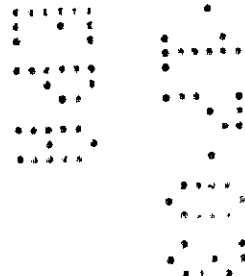
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

**Users should:** 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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.



6 3 10

### GENERAL INFORMATION

**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. This product provides 0.2 ounce of molybdenum per acre for plant nutrition and as an aid in the nitrogen fixation process of the Soybean plant.

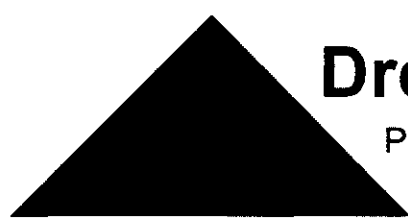
**PLANTER BOX APPLICATION:** Prepared for use directly in the planter box, or may be mixed in any commercial seed treater, barrel treater or rotating container, such as a cement mixer. This product contains a non-oil lubricant to help seeds to flow easily and evenly from planter box. Best protection will be obtained where every seed is coated with the chemical. **Do not use treated seed for food, feed or oil purposes.**

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

**NOTE:** This product 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.

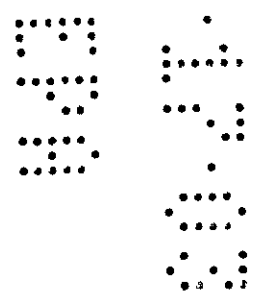


Manufactured By:

**Drexel Chemical Company**

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

**SINCE 1972**

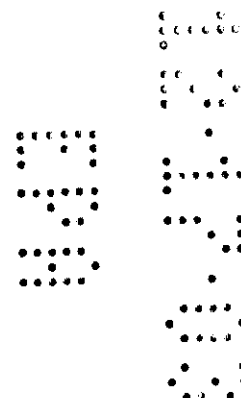


## **AGRICULTURAL USE REQUIREMENTS**

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, 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), restricted entry interval (REI) and notification to workers. 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 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, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear.



RATE OF APPLICATION	
Soybeans	Corn
2 ozs. per bushel	1.33 ozs. per bushel
3.5 ozs. per 100 lbs. seed	2.4 ozs. per 100 lbs. seed

RATE OF APPLICATION		
Seeds in Planter Box	Ounces of This Product	
	Soybeans	Corn
0.5 Bushel	1 oz.	0.66 oz.
1.0 Bushel	2 ozs.	1.33 ozs.

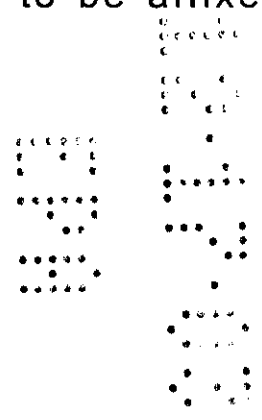
This product is an easy to use Soybean seed treatment for planter box application.

Plant Soybeans at the rate of one bushel per acre for proper application of molybdenum. Apply this product to seed in planter box and mix so that all seeds are covered. When this product is used in combination with an inoculant, add this product first, stir, add 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.





# STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** 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 soap and water 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.

