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

PR 93-7

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Barbara Brown  
DREXEL CHEMICAL CO.  
P. O. Box 9306  
Memphis, TN 38109

Subject: Label Amendment Submission of 08/05/93 in Response to PR Notice 93-7  
EPA Reg. No. 19713-261  
BEST 4 SERVIS BRAND CAPTAN 50

**IMPORTANT NOTICE:** This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**SERIOUS ERROR(S) ON SUBMITTED LABELING:**

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

**YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING.** Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

**YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.**



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber



Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director  
Compliance Division, (7203)  
Worker Protection Notification  
Office of Compliance Monitoring  
U.S. Environmental Protection Agency  
401 M Street SW  
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the WPS labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have neither been reviewed nor accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

Submit the required notification. Then by the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling as amended

**AND**

- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

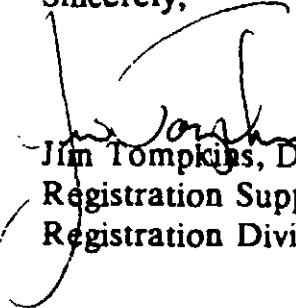


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Hand or courier deliveries of final labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

cc: Office of Compliance Monitoring

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**Captan-50/10  
SEED PROTECTANT**

50/10 Planter Box Seed Treatment for Corn and Soybeans  
Fungicide Plus Molybdenum --- 80 Bushel Size

**ACTIVE INGREDIENTS:**

Captan.....	48.9%
Related Derivatives.....	1.1%
<b>INERT INGREDIENTS**.....</b>	<b>50.0%</b>
<b>TOTAL.....</b>	<b>100.0%</b>

\*N-trichloromethylthio-4-cyclohexene-1, 2-dicarboximide  
\*\*This product contains 10% Molybdenum (derived from sodium molybdate) and 15% of the nonoil lubricant Graphite.

**KEEP OUT OF REACH OF CHILDREN  
DANGER/PELIGRO**

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

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.)

MANUFACTURED BY:  
DREXEL CHEMICAL COMPANY  
P.O. BOX 9306  
MEMPHIS, TN 38109

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

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

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

19713-261

**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**

**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. ~~Wear goggles or face shield when handling.~~ Avoid contact with skin and clothing. ~~Remove and separately launder clothing before reuse.~~

**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

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**  
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**

**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 rotating container, such as a cement mixer. Captan 50/10 contains a non-oil lubricant to help seed 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 Seed Protectant 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.

#### USE-PRECAUTIONS

Mixers, loaders, and applicators, when mixing, loading and applying, must wear mid-forearm-to-elbow-length natural or synthetic rubber, vinyl, or plastic gloves impermeable to captan; boots or overshoes; one-piece overalls which have long sleeves and long pants.

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.

**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 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.~~

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
- Protective eyewear

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

**RATE OF APPLICATION**

**SOYBEANS**

- 2 Oz. per Bushel
- 3 1/2 Oz. per 100 Lb. Seed

**CORN**

- 1-1/3 Oz. per Bushel
- 2.4 Oz. per 100 lbs. Seed

**SEEDS IN PLANTER BOX**

- 0.5 Bushel
- 1.0 Bushel

**OUNCES OF CAPTAN 50/10**

Soybeans	Corn
1 Oz.	0.66 Oz.
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. ~~Wear respirator.~~ Avoid contact with skin. ~~Wash with soap and water after handling.~~ 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 testes 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.