

19713-260

03/15/2012

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

OFFICE OF CHEMICAL, SAFETY
AND POLLUTION PREVENTION

Luz Chan
Drexel Chemical Company
PO Box 13327
Memphis, TN 38113-0327

MAR 15 2012

Subject: Drexel Captan – 75 Seed Protectant – Formula Change and Label Amendment
EPA Registration No. 19713-260
Decision No. 459781
Original Submission Date: 11/28/11
Final Resubmission Date: 3/9/12

Dear Ms Chan:

The basic Confidential Statement of Formula (CSF) dated 11/28/2011 referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended, to change the supplier of active ingredient is acceptable. The basic CSF supersedes the basic CSF previously accepted for this product.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended to clarify use rates and instructions, and to correctly reflect the percent of active ingredient as stated on the basic CSF dated 11/28/11 is acceptable provided you make the following changes:

1. Pg 1 – Either delete the statement “Planter box application and lubricant with 15% Graphite added,” or revise the statement to read “Planter box application and lubricant with 12.5% Graphite added,” in order to be consistent with your CSF.

A copy of the label stamped “Accepted with Comments” is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. If you have any questions, please contact Dominic Schuler at (703) 347-0260 or via email at schuler.dominic@epa.gov.

Sincerely,

(for)

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

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ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 15 2012

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 19713-260



Captan-75

Seed Protectant (Corn and Soybeans)

For Seed Disease Control

ACTIVE INGREDIENT:

Captan 75.0%

OTHER INGREDIENTS*: 25.0%

TOTAL: 100.0%

*Planter box application and lubricant with 15% Graphite added.

KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

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.)

See FIRST AID Below

EPA Reg. No. 19713-260
EPA Est. No. 19713-XX-XXX

Net Content: _____

FIRST AID	
IF IN EYES:	
	<ul style="list-style-type: none"> • 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. • 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 Information Center at 1-800-858-7378.
	Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Manufactured By:



The Drexel logo is a registered trademark of Drexel Chemical Company.

260SP-0312*Pending

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses), long-sleeved shirt, long pants, shoes, and socks. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

All mixers, loaders, applicators, and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks, protective eyewear (goggles, face shield, or safety glasses), chemical-resistant gloves, NIOSH-approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N2, R, P, or HE filter, and chemical-resistant apron when mixing/loading, cleaning up spills or otherwise exposed to the concentrate.

Persons drying or bagging treated seeds or sewing bags containing treated seeds are handlers and must wear PPE.

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

ENGINEERING CONTROLS

When handlers use closed systems designed by the manufacturer to enclose the pesticide to prevent it from contacting handlers or other people AND the system is functioning properly and is used and maintained in accordance with the manufacturer's written operating instructions, the handlers need only wear long-sleeve shirt, long pants, chemical resistant gloves, shoes, and socks. However, the respirator must be immediately available for use in an emergency, such as a spill or equipment breakdown.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE 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 chemical is toxic to fish. Do not contaminate water by disposing of equipment washwaters or rinsate. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

USE INFORMATION

Seed Treatment: CAPTAN-75 is a 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.

Commercial and 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 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: This product has been mixed with graphite as an aid in 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. 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 (WPS), 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 REI of 12 hours for planter box-type or hopper-box seed treatment uses. **EXCEPTION:** Once the seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no contact with the soil/media subsurface.

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.

Eye Protection: To mitigate eye irritation concerns from post application exposures, the Agency is requiring that, for at least seven days following the application of captan:

1. At least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and
2. Workers must be informed orally, in a manner they can understand:
 - that residues in the treated area may be highly irritating to their eyes,
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes,
 - that if they do get residues in their eyes, they should immediately flush their eyes with the eyeflush container that is located at the decontamination site, and
 - how to operate the eyeflush container.

Double Notification: Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Rate of Application (Commercial Treater)		
Corn*		Soybeans
Field	Sweet	
1.46 ozs./100 lbs. of seeds	2.66 ozs./100 lbs. of seeds	2.5 ozs./100 lbs. of seeds
*1 bushel = 56 pounds		

Seeds in Planter Box	Amount of This Product		
	Corn		Soybeans
	Field	Sweet	
100 pounds of seeds	1.46 ozs.	1.3 ozs.	2.3 ozs.

APPLICATION FOR SOYBEANS AND CORN:

This product is an easy to use Soybean/Corn seed treatment for commercial seed treaters or planter box applications. Apply this product to seed in commercial treaters or planter box and mix so that all seeds are covered. In Soybeans ,when this product is used in combination with an innoculant, add this product first, stir, add the innoculant, stir and then plant as soon as possible.

NOTE: Treated seed must not be used for human consumption nor as animal feed.

Seed that has been treated with this product that is then packaged or bagged for future use must contain the following labeling:

"This bag contains seed treated with captan. Persons opening this bag or loading/pouring the treated seed, must wear handler personal protective equipment." *"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 alkalis. 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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

WARRANTY—CONDITIONS OF SALE

OUR DIRECTIONS 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. To the extent consistent with applicable laws, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

To the extent consistent with applicable laws, in no case shall the Manufacturer 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 the Seller and is accepted as such by the Buyer.