

400-557

8/27/2008

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**WASHINGTON, D.C. 20460**

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

AUG 27 2008

Mr. Michael Dupre  
Chemtura Corporation  
199 Benson Road  
Middlebury, Connecticut 06749-0001

Dear Mr. Dupre:

Subject: Hi Moly/Captan-D  
EPA Registration No. 400-557  
Your Application Dated June 16, 2008

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A copy of the stamped label is enclosed for your records.

Sincerely yours,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish  
Product Manager 22  
Fungicide Branch  
Registration Division (H7505C)

Enclosure

Trace Seed  
Protection Products

ACCEPTED

AUG 27 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the Pesticide

# Hi Moly / Captan-D

400-557

## SEED TREATMENT FOR SOYBEANS

Planter Box Seed Treatment Fungicide Plus Molybdenum

### Active Ingredients:

captan (N-[trichloromethyl]thio]-4-cyclohexene-1,2-dicarboximide) ..... 48.92%

related derivatives ..... 1.10%

Other Ingredients: ..... 49.98%

Total: ..... 100.00%

This product contains 10.2% molybdenum derived from sodium molybdate.

## 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 the label, find someone to explain it to you in detail.)

### FIRST AID

#### IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15 – 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.

#### IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have the 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 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.
- Call a poison control center or doctor for further treatment advice.

#### IF ON SKIN

#### OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**EMERGENCY ASSISTANCE:** Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**EMERGENCY PHONE**

**800-292-5898**

**SAFETY DATA AND INFORMATION**

**866-430-2775**

**TRANSPORTATION EMERGENCY (CHEMTREC)**

**800-424-9300**

### Net Contents:

EPA REG. NO. 400-557

EPA EST. NO.

004

Manufactured for:

Chemtura Corporation

199 Benson Road

Middlebury, CT 06749



[www.tracechemicals.com](http://www.tracechemicals.com)

[www.chemtura.com](http://www.chemtura.com)

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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER • PELIGRO**

Corrosive. Causes irreversible eye damage. Wear protective eyewear (goggles, faceshield or safety glasses). Harmful if swallowed. Do not get in eyes or on clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**All mixers, loaders, applicators and other handlers (including handlers participating in seeding) must wear:** Long-sleeved shirt and long pants, shoes plus socks, chemical-resistant gloves, protective eyewear (goggles, faceshield, or safety glasses), chemical-resistant apron when loading, cleaning up spills, cleaning equipment or otherwise exposed to the concentrate. Persons handling un-bagged treated seed are handlers and must wear handler personal protective equipment. 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. See engineering controls for other options.

**ENGINEERING CONTROLS**

When handlers use enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40CFR170.240(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. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil.

**PRODUCT INFORMATION**

HI MOLY / CAPTAN®-D furnishes 1.0 ounce of captan active ingredient per bushel (1.66 oz. a.i./100 lb.) of soybean seed to protect against seed and soilborne diseases, such as seedling blights, damping-off and seed decay organisms. It also provides 0.2 ounce of molybdenum per acre for plant nutrition (assuming a seeding rate of 1 bu/A), and as an aid in the nitrogen-fixation process of the soybean plant. HI MOLY / CAPTAN-D is formulated with graphite to help seed flow easily and evenly from the planter-box.

**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.

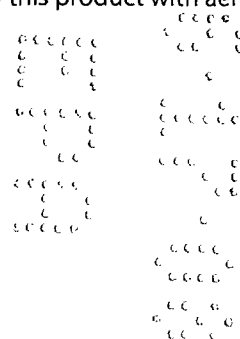
**RATE: (Measuring scoop enclosed).**

Use HI MOLY / CAPTAN-D at the rate of 3.3 ounces of product (3.3 scoops) per 100 lb. of soybean seed. Apply HI MOLY / CAPTAN-D to seed in the planter-box and mix so that all seeds are covered. Plant as soon as possible.

**Mixing Instructions:** For best results, fill planter-box only half full of seed, add half the required amount of HI MOLY / CAPTAN-D Seed Treatment and mix again so that all seeds are covered. **DO NOT MIX WITH BARE HANDS.**

**NOTE:** Adjust the seed drill or planter to give the required rate of seed delivery with treated seed. Regularly inspect planter plates or seed drum and clean as required. At the end of each day, clean out the electric eye monitors as directed by the manufacturer.

**IMPORTANT:** Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time. Do not apply this product with aerial or chemigation equipment.



### 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 12 hours.

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

**Eye Protection:** 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 residue out of their eyes,
  - that if they do get residue in their eyes, they should immediately flush their eyes, with the container that is located at the decontamination site, and
  - how to operate the eyeflush container.

**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, protective eyewear.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container only. After partial use, replace lid and close tightly. Store in a secure place that is temperate, dry and out of direct sunlight. Avoid excessive heat.

**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 Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container.

**Plastic Container:** Do not reuse or refill this container. Completely empty container by shaking and tapping sides and bottom to loosen clinging particles. Empty residue 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. Offer for recycling, if available.

### IMPORTANT NOTICE

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product, contrary to label instructions, or under conditions not reasonably foreseeable to seller, and, to the extent consistent with applicable law, the buyer assumes the risk of any such use.

#### **Seed Treatment Warranty Statement**

Treatment of highly mechanically damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with a selected chemical treatment. Due to seed quality and seed storage conditions beyond control of Chemtura, Chemtura makes no claims or guarantees as to germination of carry-over seed.

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