

400-555

9/16/2008

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 <p><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p>	EPA Reg. Number:  <b>400-555</b>	Date of Issuance:  <b>SEP 16 2008</b>
	Terms of Issuance: <b>Unconditional</b>	
	Name of Pesticide Product: <b>Bean Guard</b>	
NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)		
Name and Address of Registrant (include ZIP Code): <b>Chemtura Corporation</b> <b>199 Benson Rd</b> <b>Middlebury, CT 06749</b>		
<p><b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<p>Based on your responses to the Reregistration Eligibility Documents for carboxin and captan, EPA has reregistered the product listed above provided that the following changes are made to the label:</p>		
<ol style="list-style-type: none"> <li>On page 1, delete the reference "Trace Seed Protection Products" in the upper left hand corner of the label and the internet address <a href="http://www.tracechemicals.com">www.tracechemicals.com</a>.</li> <li>On Page 1, based on toxicity review, <b>FIRST AID</b> statements must be placed in the following order:            "IF IN EYES:...            IF INHALED:...            IF ON SKIN OR CLOTHING:...            IF SWALLOWED:..."         </li> </ol>		
Signature of Approving Official:  		Date:  9/16/2008
Mary L. Waller, Product Manager 21, Fungicide Branch, Registration Division		

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3. On page 2, delete the paragraph under the **HAZARDS TO HUMAN AND DOMESTIC ANIMALS** heading and add "Corrosive. Causes irreversible eye damage. Harmful if absorbed through skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals."
4. On page 2 of the **PPE** section:
  - a. Change "...participating in seedling..." to "...participating in seeding..."
  - b. Revise the sentence "Persons handling un-bagged treated seed. . ." to read "Persons handling un-bagged treated seed are handlers and must wear handler personal protective equipment."
5. Since this product is limited to use on agricultural establishments at or immediately before planting, delete the section on **ENGINEERING CONTROLS** as this section would be appropriate for a product limited to commercial application.
6. On page 2, add the following sentences to the **ENVIRONMENTAL HAZARDS** section: "Treated seed exposed on soil surface may be hazardous to birds. Cover or collect spilled seed."
7. On page 2, under the **ENVIRONMENTAL HAZARDS** section, add a new section titled "**ENDANGERED SPECIES**" and add this statement:

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"This bag contains seed treated with carboxin and captan. This product may have effects on federally listed threatened or endangered species or their critical habitat in some counties. It is a violation of federal law to kill, harm, or harass listed animal species without authorization. To limit the potential for such impacts when using this product, consult and follow the instructions provided in the EPA Endangered Species Bulletin for the County or Parish in which you are applying the seed. To determine whether you're County or Parish has a Bulletin, consult <http://www.epa.gov/espp> before each season's use of this product."

8. On page 3, in the **AGRICULTURAL USE REQUIREMENTS** section, on the last line in the box, after protective eyewear, add "(goggles, face shield, or safety glasses)"
9. On page 3, for label consistency, provide these sections in the following order: Product Information, Rates, and Application Instructions.
10. On page 3, under **PRODUCT INFORMATION** add: "Soybeans: Protects seed from seed borne and soil borne fungi that cause seed decay, damping-off, and seedling blights (including *Fusarium*, *Rhizoctonia*, and *Pythium*).

Notice of Reregistration  
Bean Guard  
EPA Reg. No. 400-555  
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11. On page 3, under the **PRODUCT INFORMATION** header, delete the following statements, "12 hour restricted entry interval (REI) 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 worker contact with the soil/media subsurface," and "Treated Seed - Do not use for food, feed, or oil purposes."
12. On page 3, in the Agricultural Use Requirements box, move the statement "Exception: Once the seeds are . . . media subsurface." So that it follows the sentence "Do not enter or allow worker entry . . . of 12 hours."
13. On page 3, under Product Information, add the following restriction: "Do not graze or feed livestock on treated areas for 42 days after planting."
14. In accordance with PR Notice 2007-4, submit an amendment before February 1, 2009 to comply with the labeling revisions required by the Final Rule for Pesticide Management and Disposal.

This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

The revised basic Confidential Statement of Formula (CSF) dated 9/28/07, submitted in connection with reregistration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable. This CSF supersedes all CSFs previously accepted for this product. A copy of your label stamped "Accepted with Comments" is enclosed for your records. Submit one (1) copy of final printed label incorporating the above changes before the product is released for shipment. The amended label will supersede all previously accepted labels.

Sincerely,



Mary L. Waller  
Product Manager (Team 21)  
Fungicide Branch  
Registration Division (7505P)

Enclosures

- Label stamped "Accepted with Comments"
- PRB Preliminary Label Assessment dated November 29, 2007
- Product Chemistry Review DP345150 dated October 31, 2007
- Acute Toxicity Review DP345155 dated October 11, 2007
- PRB Preliminary Label Assessment dated February 8, 2005

Trace Seed  
Protection Products

# Bean Guard®

SEED PROTECTANT CONTAINS SODIUM MOLYBDATE

Active Ingredients:

Carboxin .....	12.5%
Captan* .....	23.9%
Related Derivatives .....	0.5%
Other Ingredients: .....	63.1%
Total: .....	100.0%

\* N-[trichloromethyl]thio]-4-cyclohexene-1,2-dicarboximide

## 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

- |                                    |   |
|------------------------------------|---|
| <b>IF IN EYES:</b>                 | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>IF SWALLOWED:</b>               | <ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have the person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>IF INHALED:</b>                 | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>   |
| <b>IF ON SKIN<br/>OR CLOTHING:</b> | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |

**NOTETOPHYSICIAN:** 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.

<b>EMERGENCY PHONE</b>	<b>800-292-5898</b>
<b>SAFETY DATA AND INFORMATION</b>	<b>866-430-2775</b>
<b>TRANSPORTATION EMERGENCY (CHEMTREC)</b>	<b>800-424-9300</b>

#### Net Contents:

EPA REG. NO. 400-555  
EPA EST. NO.  
003/092507

Manufactured for:  
Chemtura Corporation  
199 Benson Road  
Middlebury, CT 06749



www.tracechemicals.com  
www.chemtura.com

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

SEP 16 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
400-555

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

Corrosive. Causes irreversible eye damage. Harmful if swallowed or inhaled. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

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

**All loaders, applicators and other handlers (including handlers participating in seedling) must wear:**

- Long-sleeved shirt and long pants,
- shoes plus socks,
- chemical-resistant gloves,
- protective eyewear (goggles, face shield, or safety glasses),
- chemical-resistant apron when loading, cleaning up spills, cleaning equipment or otherwise exposed to the concentrate.
- NIOSH approved dust mist filtering respirator with MSHA/NIOSH approval number prefix TC-21C or a NIOSH-approved respirator with any N<sup>2</sup>, R, P or HE filter.

Persons handling un-bagged treated seed are handlers and must wear handler personal protective clothing.

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 additional options.

**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 not wear the chemical-resistant gloves must be immediately available for us in an emergency, such as a spill or equipment breakdown.

**USER SAFETY RECOMMENDATIONS**

Users should:

- wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.
- remove clothing/PPE 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 chemical is toxic to fish. Do not contaminate water when disposing of equipment washwaters or rinsate or by disposal of waste. Treated seed exposed on soil surface may be hazardous to birds. Cover or collect spilled seeds.

**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. For use only on agricultural establishments at or immediately before planting.

### 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 areas 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
- protective eyewear
- shoes plus socks

### RATE: (Measuring scoop enclosed).

Use 3.3 oz. (3.3 scoops) per 100 pounds of seed of soybean seed or the contents of this container (80 oz.) on 2400 pounds of soybean seed.

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

### PRODUCT INFORMATION

BEAN GUARD Seed Protectant combines the systemic action of Carboxin with the contact action of Captan to control many seed and soilborne diseases of soybeans. BEAN GUARD Seed Protectant provides 0.2 ounces of molybdenum per acre for plant nutrition and nitrogen fixation. Regularly inspect planter plates 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 seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

12 hour restricted entry interval (REI) 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 worker contact with the soil/media subsurface.

Treated Seed: Do Not Use for Food, Feed or Oil Purposes.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep pesticide in original container. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near feed or food.

**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:** Completely empty into application equipment. Then dispose of empty liner and container in a sanitary landfill, or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

### 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 of guarantees as to germination of carry-over seed.

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