

400-557

1-7-2008

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

JAN 7 2008

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Michael Dupre
Product Registration Mgr., N.A.
Chemtura Corporation
199 Benson Road
Middlebury, CT 06749

RE: Notification of Minor Changes for Arsenal Powerline Herbicide
EPA Registration Number: 400-557
Date of Submission: December 4, 2007

Dear Mr. Dupre:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated December 4, 2007, for the product, Hi Moly/Captan®-D. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

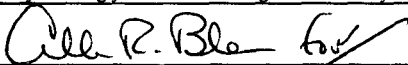
If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

Linda Arrington
for Linda Arrington

Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

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EPA United States Environmental Protection Agency Washington, DC 20460		<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number				
Application for Pesticide - Section I							
1. Company / Product Name 400-555		2. EPA Product Manager Tony Kish	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted				
4. Company / Product (Name) Hi Moly/Captan®-D		PM# 22					
5. Name and Address of Applicant (Include ZIP Code) Chemtura Corporation 199 Benson Road Middlebury, Connecticut 06749 <input type="checkbox"/> check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(I), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____					
Section II							
<input type="checkbox"/> Amendment - Explain below.		<input type="checkbox"/> Final printed labels in response to Agency letter dated _____					
<input type="checkbox"/> Resubmission in response to Agency letter dated _____		<input type="checkbox"/> "Me Too" Application - JAN - 7 2008					
<input checked="" type="checkbox"/> Notification - Explain below.		<input type="checkbox"/> Other - Explain below.					
Explanation: Use additional page(s) if necessary. (For section I and Section II.) Notification per PR Notice 98-10: addition of a non-FIFRA related label element (analysis of fertilizer component) This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.							
Section - III							
1. Material This Product Will Be Packaged In:							
<table border="1" style="width:100%; border-collapse: collapse;"><tr><td style="width:25%; vertical-align: top;">Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No</td><td style="width:25%; vertical-align: top;">Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt _____ No. Per container _____</td><td style="width:25%; vertical-align: top;">Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Packaging wgt _____ No. Per container _____</td><td style="width:25%; vertical-align: top;">2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____</td></tr></table>				Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt _____ No. Per container _____	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Packaging wgt _____ No. Per container _____	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
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Section - IV							
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)							
Name Allen R. Blem		Title Registration Specialist	Telephone No. (Include Area Code) (203) 578-2407 e-mail: allen.blem@chemtura.com				
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.			Date Application Received (Stamped)				
2. Signature 		3. Title Product Registration Manager, North America					
4. Typed Name Michael Dupre		5. Date 12/4/2007					

Trace Seed
Protection Products

Hi Moly / Captan®-D

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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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:	<ul style="list-style-type: none">• 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.

003

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

NOTIFICATION

JAN - 7 2008



www.tracechemicals.com
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 or disposal.

PESTICIDE STORAGE: Store in cool dry place. 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: Completely empty bag into application equipment. Then dispose of empty bag 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.

HI MOLY/CAPTAN® is a registered trademark of Chemtura Corporation
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Chemtura Corporation
199 Benson Road
Middlebury, Connecticut 06749

203-573-2000 tel
www.chemtura.com

December 4, 2007

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
2777 S. Crystal Drive
Room S-4900, One Potomac Yard, 4th Floor
Arlington, Virginia 22202-4501

Attention: **Ms. Linda Arrington, Notifications
Registration Division (7504P)**

Subject: **Amendment by the Notification Method, per PR 98-10:
Hi Moly/Captan-D (EPA Reg. No. 400-557)**

Dear Ms. Arrington:

Chemtura Corporation (Company No. 400) herein submits an Application for Amendment of Registration by the Notification Method for Hi Moly/Captan[®]-D (EPA Reg. No. 400-557), an end-use product containing captan as the sole active ingredient.

We are adding a non-FIFRA related label element, specifically, a "state-required [*South Dakota*] analysis of the fertilizer component [*molybdenum*] of a pesticide product." Although such a change is non-notification (PR 98-10, IV.C.), we request the return of a "Notification-Stamped" label for our files, as well as for those states that are uncomfortable with the notification process.

If you have any questions about this notification, please contact either me or Allen Blem (Registration Specialist) at (203) 573-2487 or email allen.blem@chemtura.com.

Sincerely,

Chemtura Corporation

Michael Dupre
Product Registration Mgr., N.A.

Attachments:
Form 8570-1, with certification statement
Hi Moly/ Captan-D label version 003, 2 copies, marked up