

66330-21

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Doina Bujor
Project Manager, R&RA
Arvesta Corporation
100 First Street
Suite 1700
San Francisco, CA 94105

SEP 8 2003

Subject: Captan Moly Soybean Seed Protectant (2X)
EPA Reg. No. 66330-21
Your amendment dated June 13, 2003

Dear Ms Bujor:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

- **AGRICULTURAL USE REQUIREMENTS**
Double Notification: Change "orally or by" to "orally and by"
- **Page 6, 3rd paragraph:** change "seed treatment and with associated injury to the seed" to "seed treatment and associated injury to the seed."
- **STORAGE AND DISPOSAL:** Suggest that the subheading "STORAGE" be changed to "PESTICIDE STORAGE"

One copy of the label stamped "Accepted with comments" is enclosed for your records. Please submit one copy of the final printed label incorporating the changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "C. Giles-Parker".

Cynthia Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Enclosure

NOTE: Pry open cover with screwdriver or similar tool and pull off by hand.

CAPTAN MOLY SOYBEAN SEED PROTECTANT (2X)
(FUNGICIDE with Graphite)
Contains Captan & Molybdenum

| ACTIVE INGREDIENTS: | <u>By Wt.</u> |
|-----------------------------------|----------------------|
| *Captan..... | 48.9% |
| Related Derivatives..... | 1.1% |
| **OTHER INGREDIENTS: | <u>50.0%</u> |
| TOTAL | 100.0% |

* N-Trichloromethylthio-4-cyclohexene-1, 2-dicarboximide
 ** Contains the equivalent of 9.5% Molybdenum from sodium molybdate. Also contains 15% of Non-Oil Lubricant.

KEEP OUT OF REACH OF CHILDREN

**DANGER
PELIGRO**

Si usted no entiende las 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).

If a known exposure occurs or is suspected, immediately start the procedures given below and **CONTACT A POISON CONTROL CENTER, A PHYSICIAN OR THE NEAREST HOSPITAL.** Describe the type and extent of exposure, the victim's symptoms, and follow the advice given.

| 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 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. |
| IF SWALLOWED | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person. |
| 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.

Have a product container or label with you when calling poison control center or doctor or going for treatment.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL:
(800) 228-5635 ext 174
FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call
CHEMTREC 1-800-424-9300

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY INFORMATION

EPA Reg. No. 66330-21
EPA Est. No.

Net Contents:

Made in U.S.A.

ARVESTA CORPORATION
100 First Street, Suite 1700
San Francisco, CA 94105

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. HARMFUL IF SWALLOWED OR INHALED. Harmful if absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing of dust. May cause allergic skin reaction.

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-resistance 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 (except applicators driving motorized equipment),
- Chemical-resistant apron when mixing dip treatments,
- Protective eyewear

In addition a 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 must be worn by all handlers *except* (1) applicators driving motorized equipment and (2) mixers/loaders/applicators participating in backpack, low-pressure handwand/handgun, and dip treatments.

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (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.
- 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 product is toxic to fish. Do not contaminate water when disposing of equipment washwaters or rinsate.

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, 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 protection equipment (PPE), and restricted-entry interval.

The requirements in this box only apply to use 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 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.

Early Entry PPE

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,
- Protective eyewear,
- Chemical-resistant gloves made of any water-proof material,
- Shoes plus socks

Eye-Protection: To mitigate eye irritation concerns from post-application exposures, for at least seven days following the application of captan the following is required.

1. at least one container designed specifically for flushing eyes is available in operating condition at the WPS-required decontamination site for workers entering the area treated with captan, and
2. workers are 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 or by posting warning signs at entrances of treated area.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

Captan Moly Soybean Seed Protectant (2X) is a formulation specifically designed for treatment of soybean seed on the farm at planting time. When used at the

recommended rate, it will result in increased deposit of chemical on the seed with all types of planters, including air planters, plateless planters and plate planters, except the International Harvester Cyclo Planter.

Designed to protect seed at planting time, Captan Moly Soybean Seed Protectant (2X) enables the farmer to avoid the additional handling of commercial seed treatment and with associated injury to the seed.

Soybeans are most likely to benefit from treatment with this product when planted in acidic soils (soils needing liming), heavily leached soils, or soils high in iron content.

DIRECTIONS

MEASURING CUP ENCLOSED

Fill cup to indicated mark [2 oz.]. this will treat one bushel of soybean seed.

SOYBEANS

Use as a planter box treatment at the rate of 3.6 oz/100 lbs. seed (2 oz/bushel). When seed is planted at the rate of one bushel per acre, this will provide the needed ½ oz. of sodium molybdate per acre.

To achieve adequate coverage fill planter box only half full of seed, add half the required amount of Captan Moly Soybean Seed Protectant (2X) and mix thoroughly with a stick. Then put remainder of seed in the planter box and add the rest of the required amount of product, again mixing thoroughly. Better results are obtained by premixing seed with Captan Moly Soybean Seed Protectant (2X) in a suitable container, then pouring treated seed into planter box.

Do not feed treated seed to animals. Do not use treated seed for human consumption. Do not feed forage grown from treated seed. Seeds treated with Captan Moly Soybean Seed Protectant (2X) sold or shipped as feed or foodstuffs may be considered adulterated under state and Federal laws. Treated seed must be labeled as follows: "TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL".

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

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. For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-424-9300.

PESTICIDE DISPOSAL: This pesticide is 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 our 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). Do not reuse container. Offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO BUYER AND USER:

CONDITIONS OF SALE:

1. ARVESTA CORPORATION warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use.
2. This warranty does not extend to the use of this product contrary to label instructions or under abnormal use conditions, or under conditions not reasonably foreseeable to Arvesta. ARVESTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARVESTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

Critical and unforeseeable factors beyond Arvesta's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated on the label and even though label directions are followed. Except as stated in 1 above, Buyer and User acknowledge and assume all risks and liability resulting from handling, storage, and use of this product.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

SEP 8 2003

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

66330-21