



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Doina Bujor
Arysta LifeScience North America Corporation
14501 Weston Parkway
Suite 150
Cary, NC 27513

AUG 28 2008

SUBJECT: Label Amendment
Captan 4 Flowable Seed Protectant
EPA Reg. No. 66330-238
Your Submission Dated January 9, 2008

Dear Ms. Bujor:

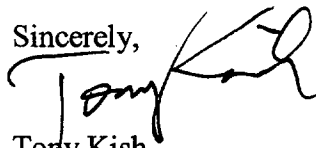
The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

- Add "Pesticide" to the subheading "Storage" on the 5th page in the Storage and Disposal section. The same applies to page 7.

Submit one copy of your final printed labeling before you release the product for shipment.

If you have any questions regarding this correspondence, contact John Bazuin of my staff by phone at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,



Tony Kish
Product Manager Team 22
Fungicide Branch
Registration Division (7505P)

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CAPTAN 4 FLOWABLE SEED PROTECTANT
Commercial Seed Treatment
Agricultural Fungicide – Aqueous Suspension

ACTIVE INGREDIENT:

Captan- N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide: ... 38.75%

Relative Derivatives: 0.85%

INERT INGREDIENTS: 60.40%

TOTAL: 100.00%

(Contains 4 Pounds of Active Ingredients Per Gallon)

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 this 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 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 SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor for treatment advice.• Have 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.
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 gastric lavage.	
EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact: FOR 24- HOUR EMERGENCY MEDICAL ASSISTANCE CALL: 1-866-303-6952 FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300	

See Attached Booklet for Additional Precautions and Use Directions

EPA Reg. No. 66330-238
EPA Est. No. 51036-GA-1
AD xxxxxx
NET CONTENTS: ____ Gal.

Manufactured For:
Arysta LifeScience North America Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513

Batch Code for product contained: _____

ACCEPTED
with **COMMENTS**
In EPA Letter Dated

AUG 28 2008

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

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

DANGER

Corrosive. Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin or inhaled. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing spray mist. 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 listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

All mixers, loaders, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear such as goggles or face shield
- Chemical resistant gloves such as nitrile rubber, butyl rubber, neoprene rubber, and/or barrier laminate; except when sewing bags of treated seed
- Chemical resistant apron when mixing/loading, cleaning up spills, cleaning equipment, or otherwise exposed to the concentrate.

Persons drying or bagging treated seeds or sewing bags containing treated seeds are handlers and must wear handler personal protective equipment.

Persons cutting, sorting, or otherwise handling treated gladiolus bulbs 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.

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 pesticide 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. Only protected handlers may be in the area during application.

Captan 4 Flowable Seed Protectant is an aqueous suspension suitable for use by commercial seed treaters for the treatment of seed prior to storage and planting. Seed treatment with Captan 4 Flowable Seed Protectant will protect seed from molds and other fungi causing storage loss and will protect seed from seedborne and soil-borne fungi which cause seed decay, damping-off and seedling blights.

Not for use on agricultural establishments in hopper box, planter box, slurry box or other seed treatment applications at or immediately before planting.

USE PRECAUTIONS

SPECIAL USE PRECAUTIONS IMPORTANT: Treated seed must not be used for human consumption nor for animal feed. The Federal Government and most States have seed laws or regulations requiring that an appropriate caution statement be affixed to bags containing treated seed, such as:

TREATED SEED – DO NOT USE FOR FEED, FOOD OR OIL PURPOSES

READ ALL DIRECTIONS BEFORE USING AND USE ONLY AS SPECIFIED ON THE LABEL.

IMPORTANT: Before using – stir thoroughly to mix contents.

DIRECTIONS: Always use Captan 4 Flowable Seed Protectant with an EPA approved dye or colorant that imparts an unnatural color to the seed. Thoroughly mix the colorant and the recommended amount of Captan 4 Flowable Seed Protectant into the required amount of water for the slurry treatment equipment and dilution rate to be used. Clean equipment thoroughly between treating operations.

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 long-sleeved shirt, long pants, shoes, socks, and chemical resistant gloves. Treated Seed – Do Not Use for Food, Feed or Oil Purposes."

NOTE: Seed treated by the slurry method should not be bagged until such time as the seed has had an opportunity to dry. Store in well ventilated areas. If seed is bagged when wet, heat is developed and impairs seed germination.

The following TABLE gives recommended amounts of Captan 4 Flowable Seed Protectant to use on various seed.

SEED	DOSAGE Oz. a.i. / 100 lb.	CAPTAN 4 Fl. Oz. / 100 lb.
Alfalfa, clover, Lespedeza, Trefoil	4.0	7.8
Beans (Snap, dry)*	1.3	2.5
Beets (Garden)	6.0	11.8
Cereal Grains (For seed and seedling rots – will not control bunt smut)		
Barley, Rye	1.5	2.9
Oats	2.0	3.9
Wheat	1.0	1.9
Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower)	1.1	2.1
Corn – Field	1.1	2.1
Sweet	2.0	3.9
Cotton – Acid Delinted	2.5	4.9
Reginned	3.5	6.8
Fuzzy	3.5	6.8
Cowpeas	1.5	2.9
Cantaloupe, Cucumber	1.6	3.1
Crucifers (Mustard, Rape)	0.8	1.5
Flax	2.0	3.9
Grasses	4.1	8.0
Milo	3.0	5.9
Onions	12.8 oz a.i./lb.	25.2 fl. oz. / lb.
Peanuts	3.0	5.9
Peas, Lentils	1.3	2.5
Peppers	1.5	2.9
Radish	1.1	2.1
Sorghum (Hulled) – For Kernel Smut	3.0	5.9
Soybeans	1.3	2.5
Spinach	3.3	6.5
Squash, Pumpkin, Watermelon, Muskmelon	1.0	1.9
Sugar Beets – West	3.0	5.9
East	6.0	11.8
Sunflowers	2.0	3.9
Swiss Chard	6.0	11.8
Turnips	1.5	2.9

Gladiola Bulbs – Prevention of bulb rot – use 0.65 fl. oz. in 1 gal. water (3.72 pts. to 100 gals.). Soak bulbs in mixture 20 to 30 minutes.

*Do not use on lima beans.

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Further specific information on the subject of seed treatment may be obtained from State Agricultural Experimental Stations or the State Agricultural Extension Service.

STORAGE AND DISPOSAL

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

STORAGE: Keep pesticide in original container. Store in a cool, dry place. Protect from freezing temperatures (32° F or lower).

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

CONTAINER DISPOSAL: Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Offer for recycling, if available.

PRODUCT FREEZING TEMPERATURE: 32° F. Satisfactory utility may generally be restored after thawing and mixing a product which has frozen. Repeated freezing-thawing cycles may impair utility.

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Warranty and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America Corporation ("Arysta"), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer.

Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF ARYSTA, MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT ARYSTA'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

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Do not reuse empty container.

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Arysta LifeScience North America Corporation
15401 Weston Parkway, Suite 150
Cary, NC 27513