

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

Ms. Kristin M. Miller  
Buckman Laboratories  
1256 North McLean Boulevard  
Memphis, Tennessee 38108-1241

AUG 28 2003

Subject: Busan 72A  
EPA Registration No. 1448-28  
Your label amendment application dated April 3, 2003

Dear Ms. Miller,

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:

1. Make the following changes to the label.

a. In the "If on Skin, Clothes" subsection of the change the last statement to read "Call a poison control center or doctor for treatment advice."

b. Change the name of the third subsection of the "FIRST AID" section from "If ingested" to "If swallowed".

c. Move first two sentences after the "HAZARDS TO HUMANS AND DOMESTIC ANIMALS" heading:

"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.)"

up so that they directly follow "WARNING AVISO".

d. In the lists of required PPE in both the "HAZARDS TO HUMANS AND DOMESTIC ANIMALS" and "AGRICULTURAL USE REQUIREMENTS" sections, add "made of any waterproof material" directly following "chemical resistant gloves".

e. Enclose the "AGRICULTURAL USE REQUIREMENTS" section in a box.

f. The second to the last sentence in the "COTTON:" subsection of the "Directions for Use" section starts "However, slurry treater provided that..." and generally does not make sense. This is probably because the verbiage "the concentration and amount of slurry to use must be adjusted to the specific concentrations of the" that occurred directly following "However," on the previous accepted label have been dropped on the subject label. Either add back the dropped verbiage or other wise complete this sentence.

g. In the second sentence in the "AGRICULTURAL USE REQUIREMENTS" section, change "forest" to "forests

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

If these conditions are not complied with, the registration may be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

If you have any questions about this letter, please contact John Bazuin at (703)305-7381.

Sincerely yours,

*15/1 [Signature]*

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

Attachment: Label stamped "ACCEPTED with COMMENTS"

**ACTIVE INGREDIENT(S)**

2-(Thiocyanomethylthio)benzothiazole..... 60.0%  
 INERT INGREDIENTS..... 40.0%  
 TOTAL..... 100.0%

## KEEP OUT OF REACH OF CHILDREN WARNING AVISO

**FIRST AID**

If in Eyes	- Hold eyes 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 further treatment advice.
If on Skin, Clothes	- Take off contaminated clothing. - Rinse skin immediately with plenty of water for 15-20 minutes. - Call a poison control center for treatment advice.
If Ingested	- Call 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 Inhaled	- Move person to fresh air. - If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. - Call a poison control center or doctor for further treatment advice.

**HOT LINE NUMBER**

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 901-278-0330 or 1-800-BUCKMAN for emergency medical treatment information.

**Precautionary Statements****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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.)

**WARNING:** Harmful if swallowed. May be harmful if absorbed through the skin. Workmen handling the product should avoid contact of the product with skin. Personal Protective Equipment: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instruction for category F on an EPA chemical resistance category selection chart. Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants; chemical resistant gloves, such as barrier laminate or butyl rubber (>14 mils) or nitrile rubber (>14 mils) or viton (>14 mils); chemical resistant footwear plus socks; protective eyewear; chemical resistant headgear for overhead exposure; chemical-resistant apron when cleaning equipment, mixing, or loading; dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations: Users should: Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

**Directions 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 requirement 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, forest, nurseries, and green-houses, 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 restrictive-entry interval. The requirements in this box only apply to the uses of the product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into the treated areas during the restricted entry interval (REI) of 24 hours. Exception: If the product is soil-injected, or soil-incorporated, the worker protection standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. 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 are: coveralls over long-sleeved shirt and long pants; chemical resistant gloves, such as barrier laminate or butyl rubber (>14 mils) or nitrile rubber (>14 mils) or viton (>14 mils); chemical resistant footwear plus socks; protective eyewear; chemical resistant headgear for overhead exposure.

**BUSAN 72A** is recommended for the control of disease impairing pine and white fir seed germination. BUSAN 72A when used as directed, will usually increase the stands of pines and fir seedlings by reducing losses from seed decay and seedling disease caused by many seed and soilborne fungi. BUSAN 72A is recommended for the control of Fusarium basal rot and Penicillium blue mold on iris, tulip, and narcissus bulbs. BUSAN 72A is used at time of planting to protect cottonseed and seedlings against seed and seedling rots, damping-off, soreshin (Rhizoctonia), Pythium, and other disease impairing good seed germination and seedling development. BUSAN 72A is also used at time of planting to protect cotton seed and seedling against bacterial blight transmitted on the surface of machine-delinted cottonseed.

**PINE: Seed Protection - Pine (Pinus spp.)** seeds can be protected either by treating the seeds or by adding BUSAN 72A to the soil used to plant pine seeds in plastic bullets. Treat by slurry and before seed stratification in vermiculite, one bushel of pine seeds with 0.53 fluid ounces of BUSAN 72A dispersed in 1.33 quarts of water. If plastic bullets are used, seed protection can then be accomplished by treating the surface of the 25 grams of soil in a plastic bullet with 0.034 fluid ounces (one milliliter) of a BUSAN 72A-water dispersion containing 0.034 fluid ounces of BUSAN 72A in water to make a total volume of 5.2 gallons. This treatment is equivalent to 3 pounds of active ingredient per acre.

**FIR: Seed Protection -** treat by slurry and before seed stratification in vermiculite, one bushel of fir (Abies spp.) seeds with 0.53 fluid ounces of BUSAN 72A dispersed in 1.33 quarts of water.

**GLADIOLUS CORNS:** Soak the corns for 15 minutes in a BUSAN 72A-water dispersion which contains 0.8 pints of BUSAN 72A in water to make a total volume of 100 gallons. For protection during storage, soak the clean corns as soon as possible after digging. When treating before planting, soak corns as close to planting time as possible.

**IRIS, TULIP, AND NARCISSUS BULBS:** As soon as possible, after digging, soak clean bulbs for 30 minutes in a BUSAN 72A-water dispersion that contains 1 to 2 pints of BUSAN 72A per 100 gallons of water at 75 - 85F. Clean bulbs as much as possible before soaking.

**COTTON: Seed Protection -** For ready mix treaters, use BUSAN 72A undiluted at the rate of 3.0 - 3.5 fluid ounces per 100 pounds of acid- or machine-delinted seed, respectively. BUSAN 72A may be diluted with water for distribution provided recommended amount of product is applied. For slurry treaters, prepare slurry by stirring final volume of 1 gallon. Suggested use is 0.125 pint of the slurry per 10 pounds of seed. However, slurry treater provided that 3.0 or 3.5 fluid ounces per 100 pounds of acid- or machine-delinted seed, respectively, is applied. Do not apply this product through any type of irrigation system.

**NOTE:** Federal law requires that bags containing treated seeds shall be labeled with the following information: "This seed has been treated with BUSAN 72A(TCMTB) fungicide. Do not use for feed, food, or oil purposes. Store away from seeds and foodstuffs." Use with an EPA approved dye that imparts an unnatural color to the seed.

**IMPORTANT**

**LABEL TREATED SEED AND CORNS.** Gladiolus corns as well as the cotton seed, pine, and fir seeds treated with BUSAN 72A cannot be used for food, feed, oil production, or any other purpose, except planting.

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

AUG 28 2003

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

1448-28

**STORAGE AND DISPOSAL**

Do not contaminate water, PESTICIDE STORAGE: Do not store more than five drums high. Leaking drums should be removed to a suitable disposal. Spills should be cleaned up immediately. PESTICIDE DISPOSAL: This pesticide, spray mixture, or concentrate should be disposed of by use of an approved method. Environmental Control Agency, Regional Office for guidance. CONTAINER DISPOSAL: Empty containers should be cleaned, reconditioning, or punctured and disposed of by state and local authorities.

Manufactured by

1256 North McLean

EPA Est. No. 1

EPA Reg. No. 1

Product Weight 10

HMS / NI

Health 2 Flammal