

1448-37

2/18/2010

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



Office of Pesticide Programs

Buckman Laboratories, Inc.
256 N. McLean Blvd.
Memphis, TN 38108

FEB 18 2010

Attention: Carl F. Watson, Ph.D.

Subject: BUSAN 72
EPA Registration No. 1448-37
Amendment Dated November 19, 2009

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

Proposed Amendment

- Revise Storage and Disposal Section per PR Notice 2007-4

General Comment

A stamped copy of the "accepted" label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in cursive script that reads "M Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

Enclosure



BUSAN 72

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BUSAN is a registered trademark.

ACCEPTED
with COMMENTS
EPA Letter Dated:

ACTIVE INGREDIENT(S)
 2-(Thiocyanomethylthio)benzothiazole.....
 INERT INGREDIENTS.....
 TOTAL.....

60.0%
40.0%
100.0%

FEB 18 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1448-37

KEEP OUT OF REACH OF CHILDREN

WARNING

FIRST AID	
If in Eyes	- 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 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 or doctor for treatment advice.
If Swallowed	- 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.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Workmen handling the product should wear rubber gloves and goggles. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS: 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.



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Storage and Disposal

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

PESTICIDE STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 your EPA Regional Office for guidance.

CONTAINER DISPOSAL:

(Text for all nonrefillable containers)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

{Liquid residue removal statement for nonrefillable containers with capacity of 5 gals or less}

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 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

{Liquid residue removal statement for nonrefillable containers with capacity of >5 gals}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

(Text for all nonrefillable containers)

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

{Text for refillable containers}

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Batch code: _____

Manufactured by Buckman Laboratories, Inc.
1256 North McLean Blvd., Memphis, Tennessee 38108, USA
(901) 278-0330 or 1-800-BUCKMAN

EPA Est. No. 1448-TN-1

EPA Reg. No. 1448-37

Product Weight 10.4 lbs/gal 1.25 kg/l

Net contents are marked on the container.

HMIS / NPCA Ratings

Health 3 Flammability 2 Reactivity 1

Last Revision

11/12/2009



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Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

BUSAN 72 is an emulsifiable microbicide concentrate used to inhibit the growth of fungi that cause the degradation of wet lap or sheet pulp, mulch paper, and chrome-tanned leather. It is also employed to provide mold resistance to coated and uncoated paper and paperboard, including those grades used for soap packaging, furnace filter frames, wallpaper base stock, and building papers and paperboards.

PULP PRESERVATION: For the preservation of wet lap or sheet pulp, BUSAN 72 should be added at a rate of 0.25 to 1.0 kg/metric ton (0.5 to 2.0 lb/short ton) of oven-dry fiber. BUSAN 72 may be added directly to the stock or dispersed in water and applied uniformly to the surfaces of the dewatered pulp by means of applicator rolls.

MULCH PAPER PRESERVATION: For the preservation of mulch paper, BUSAN 72 should be added at a rate of 0.75 to 1.25 kg/metric ton (1.5 to 2.5 lb./short ton) of air-dry paper. BUSAN 72 may be added directly or dispersed in water and applied uniformly to the surfaces to the mulch paper by tub-sizing method or applicator rolls before the paper is coated.

MOLD-RESISTANT PAPER OR PAPERBOARD: For the manufacture of mold-resistant paper and paperboard, BUSAN 72 is used at a rate of 125 to 500 g/metric ton (0.25 to 1 lb/short ton) of paper and paperboard per side treated. For coated paper and paperboard, BUSAN 72 should be incorporated into the coating prior to application of coating. Rate of addition will vary per coating weight. For uncoated paper and paperboard BUSAN 72 should be dispersed in water, surface-sizing, or other solvents and applied to the surface to be protected by means of an applicator roll, size press, water box or similar mechanism. The amount of BUSAN 72 added to the solution will vary according to rate the solution is transferred to the paper or paperboard.

LEATHER: BUSAN 72 is recommended for the prevention of mold in the storage and transport of wet leather stock such as pickled, vegetable-, chrome-, alternative metal or metal free tanned hides and skins. Dosage rates of 0.0125-0.1% (125-1000 ppm) of BUSAN 72 can be used on the white lime stock weight basis to prevent microbial growth on processed hides and skins. The dosage level used will depend on storage conditions and the length of protection required. A satisfactory dilution of 1 part BUSAN 72 plus 5 parts water can be prepared by adding the BUSAN 72 to water (as opposed to adding water to BUSAN 72) with agitation. The diluted product can then be added to the pickling liquor, or to the tanning liquor at the start of the tanning process or to the rinse water in a post tanning refloat. A dispersion as described above should be prepared and added to the pickling solution or tanning liquor during the tanning operation or to the rinse water in a post tanning refloat. The product can also be applied during the fatliquoring process to prevent fungal growth at (0.0125-0.1% (125-1000 ppm) based on the split and shaved weight of leather being processed. For preservation of leather finishing pastes and fatliquors, BUSAN 72 can be added at a dosage rate of 0.05-0.125% (500-1250 ppm) based on the weight of the treated paste or fatliquor and mixed thoroughly to insure adequate dispersion.

BUSAN 72 is composed of substances that have been allowed by the U.S. Food and Drug Administration for use on the wet-end of paper and paperboard machines during the manufacture of paper and paperboard for food packaging, but it has not been allowed for use in dry-end applications. Therefore, BUSAN 72 should not be employed to provide mold resistance to paper or paperboard intended for food-contact use.

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