

1448-17

5/28/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

MAY 28 2010

OFFICE OF
PREVENTION,
PESTICIDES
AND TOXIC SUBSTANCES

Carl F. Watson, Ph.D.
Senior Regulatory Toxicologist
Buckman Laboratories, Inc.
1256 N. McLean Blvd.
Memphis, TN 38108

Subject: **BUSAN 11-M1**
EPA Registration No. 1448-17
Application Date: April 9, 2010
Receipt Date: April 13, 2010

Dear Dr. Watson:

The following amendment, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable with the conditions listed below:

Proposed Amendment:

- Update Storage and Disposal statements to be in compliance with PR Notice 2007-4

Conditions

Revise the label as follows:

1. On page 3 under Storage and Disposal, revise the Container Handling language to read as follows:

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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."

General Comments

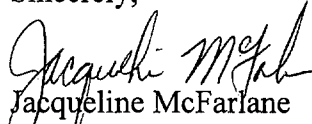
A stamped copy of the labeling accepted with conditions is enclosed. Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.

Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

If the above conditions are not complied with, the registration will 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.

Should you have any questions or comments concerning this letter, please contact me by telephone at (703) 308-6416 or email at: campbell-mcfarlane.jacqueline@epa.gov or Heather Garvie by telephone at (703) 308-0034 or email at: garvie.heather@epa.gov

Sincerely,



Jacqueline McFarlane
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510P)

BUSAN 11-M1

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ACTIVE INGREDIENT(S)

Barium metaborate monohydrate.....

90.0%

INERT INGREDIENTS.....

10.0%

TOTAL.....

100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING

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 further treatment advice.
If on Skin, Clothes	<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.
If Swallowed	<ul style="list-style-type: none"> - 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	<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 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 901-767-2722 for emergency medical treatment information.	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

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.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 28 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1448-17

BUSAN 11-M1

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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 11-M1 is a multifunctional product for use as a fungicide, bacteriostat, and algaecide in a wide range of systems including such systems as coatings, plastics (such as polyolefins, vinyls, polyamides, and similar materials), adhesives, latex emulsions, construction materials, inks, polishes, slurries, and starch solutions. For the water-based or emulsion-based systems above, BUSAN 11-M1 will also act as a package preservative.

BUSAN 11-M1 will also act as a corrosion inhibitor, fire retardant, tannin stain blocker, UV stabilizer and metal stabilizer in systems where those properties have benefit. BUSAN 11-M1 should be added at a point in the manufacturing process where complete and uniform mixing, grinding or extrusion will occur.

The typical use levels are listed below, however it is recommended that the selected use level be evaluated to ensure the proper protection.

- Mold Inhibition – 4.5% to 17% based on total formula weight.
- Algae Inhibition – 4.5% to 17% based on total formula weight.
- Corrosion Inhibition – 2% to 25% based on total formula weight.
- Tannin Stain Blocking – 2% to 9% based on total formula weight.
- Ultra Violet Light Stabilization – 2% to 9% based on total formula weight.
- Flame Retardancy – 2% to 9% by total formula weight.
- Metal Stabilization – 4% to 20% by total formula weight.

Package Preservation of water-based products – 0.3 to 2% based on total formula weight.

To preserve coatings or sizings for paper or paperboard intended for contact with dry food products, BUSAN 11-M1 should be incorporated in the coating at 0.2 to 1.0 percent based on the dry weight of the coating or sizing.

BUSAN 11-M1

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Storage and Disposal

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

PESTICIDE STORAGE: Store on pallets off of floor or ground in a covered area. Prevent moisture from penetrating bags. Damaged bags should be placed in a larger container to prevent spread of dust. Product should be used immediately or disposed of as below.

PESTICIDE DISPOSAL: Product wastes are toxic. Improper disposal of excess product 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 HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. When empty, dispose of bag in a sanitary landfill or by incineration, or offer for recycling, if available. Do not burn, unless allowed by State or local authorities. If burned, stay out of smoke.

Manufactured by Buckman Laboratories, Inc.
1256 North McLean Blvd., Memphis, Tennessee 38108, USA
(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN--1

EPA Reg. No. 1448-17

Product Weight 28 lbs./gal. 3.35 kg/L

Net contents are marked on the container.

HMIS / NPCA Ratings

Health 2 Flammability 0 Reactivity 0

Last
Revision
4/1/2010