

1448-17

7-2-2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

July 2, 2003

Jody L. Stobbe
Senior Regulatory Specialist
Buckman Laboratories, Inc.
1256 North McLean Blvd.
Memphis, TN 38108

Subject: Busan 11-M1
EPA Registration No. 1448-17
Application Date: May 1, 2003
EPA Received Date: May 3, 2003

Dear Ms. Stobbe:

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

Proposed Amendment

- Reformat of use directions
- Expanded "plastics" to include examples

Conditions

1. Revise the Precautionary Statements by including the statement "Wear protective eyewear (goggles, face shield, or safety glasses)."
2. Change the word "bactericide" to "bacteriostat" as the term "bactericide" implies that this product is effective against public health organisms.
3. The product name must be on the front panel.

CONCURRENCES


SYMBOL	7510c						
SURNAME	J. Gray						
DATE	7-2-03						

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.

Should you have any questions or comments concerning this letter, please contact me at 703-308-6422.

Sincerely,



Adam Heyward
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division (7510 C)



BU

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, bactericide, and algicide 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.

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	- 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 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.

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 goggles or face shield. Avoid inhaling dust or spray mist. Wash thoroughly with soap and water after handling. 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
EPA Letter Dated:

JUL - 2 2003

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

Do not contaminate water.
PESTICIDE STORAGE:
moisture from penetrating
prevent spread of dust. P

PESTICIDE DISPOSAL:
is a violation of Federal
label instructions, contact
Hazardous Waste repres

CONTAINER DISPOSAL:
dispose of empty bag in
local authorities, by burn

Manufactured by
1256 North McL

EPA Est. No.
EPA Reg. No.
Product Weight

HMS
Health 2 Flamm