

1448-72

6-30-2003

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

June 30, 2003

Ms. Kristin M. Miller
Regulatory Affairs Specialist
Buckman Laboratories, Inc.
1256 N. McLean Blvd.
Memphis, TN 38108

Subject: Notification Application Per PR Notice 98-10
BUSAN 94
EPA Registration No. 1448-72
Application Dated June 3, 2003

Dear Ms. Miller:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c)9.

Proposed Notification:

- alternate brand name
- Bulab 3845

General Comment:

Based on a review of the material submitted, the following comments apply:

The notification application is acceptable and a copy has been inserted in your file for future reference.

Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422, or Lisa McKelvin at (703) 308-7496.

Sincerely,

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



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1448-72	2. EPA Product Manager A. Heyward	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 94	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Buckman laboratories, Inc. 1256 N. McLean Blvd. Memphis, TN 38108 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION
Date Reviewed: 6-10-03
Reviewed By: Michelle

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Notification of Alternate Trade Name: Bulab 3845

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	Metal Plastic Glass Paper Other (Specify) _____	
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kristin M. Miller	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) (901) 272-6770
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Affairs Specialist	
4. Typed Name Kristin M. Miller	5. Date June 3, 2003	

34

3/4

Buckman LABORATORIES

BUCKMAN LABORATORIES INTERNATIONAL, INC.

1256 NORTH McLEAN BLVD.
MEMPHIS, TN 38108-1241 U.S.A.
TELEPHONE (901) 278-0330
FAX (901) 276-5343
www.buckman.com
e-mail: knetix@buckman.com

Via Federal Express

June 3, 2003

Mr. Adam Heyward
Product Team Manager 34
Regulatory Management Branch II
Antimicrobial Division (H7510C)
US Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

NOTIFICATION
Date Reviewed: 4-10-03
Reviewed By: MCH/viv

Re: Busan 94, EPA Reg. No. 1448-72
Notification of Alternate Brand Name

Dear Mr. Heyward:

Buckman Laboratories, Inc. requests that the brand name listed below be added to the file for Busan 94 (EPA Reg. No. 1448-72). The labeling for this product shall be identical to that approved for Busan 94, with the exception of brand name.

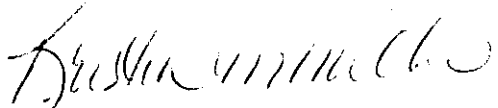
Alternate Brand Name: Bulab 3845

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 USC. § 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

I have enclosed five (5) labels. If you have any questions or require any additional information pertaining to this action, please feel free to me at (901) 272-6770.

Sincerely,

BUCKMAN LABORATORIES INTERNATIONAL, INC.


Kristin M. Miller
Regulatory Affairs Specialist



ACTIVE INGREDIENT(S)

2,2-Dibromo-3-nitropropionamide.....	20.0%
INERT INGREDIENTS.....	80.0%
TOTAL.....	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

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

DANGER: Corrosive. Causes severe burns of eyes. May burn skin. May be harmful or fatal if swallowed. Do not get in eyes, on skin, or on clothing. Wear chemical workers' goggles and rubber gloves when handling. Do not inhale fumes or vapor. Wash thoroughly 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.

Directions for Use

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

NOTE: BULAB 3845 must be added separately to systems. Do not mix it with other additives; the high pH of many additive formulations will cause decomposition of BULAB 3845.

PULP AND PAPER MILLS: For slime control in pulp and paper mill systems, BULAB 3845 is employed at 75 to 250 g per tonne (0.15 - 0.50 lb. per ton of pulp or paper dry basis). Addition may be made continuously or intermittently as needed to control the growth of microorganisms. As a general rule, intermittent treatment at the specified rates for periods of 2 to 6 hours out of each 8, each 12, or each 24 hours is recommended. The concentration and frequency of treatment are adjusted according to the rate of slime accretion. Best results are obtained by feeding BULAB 3845 into the suction side of the fan pump or into the white water or stock moving to the fan pump. Before treatment with BULAB 3845 is begun, it is recommended that the system be cleaned thoroughly.

COOLING WATER SYSTEMS: BULAB 3845 is used to control the growth of algae, fungi, and bacteria in commercial and industrial recirculating cooling water systems. If the system is badly fouled, it is recommended that before treatment with BULAB 3845 is begun, the system should be cleaned thoroughly, drained, flushed, and refilled with fresh water. BULAB 3845 should then be added to the water cooling tower sump, continuously or intermittently, as required to maintain control. If "shock" dosing is used, the blowdown should be discontinued for 24 - 48 hours after treatment. For Control of Fungi and Algae: If intermittent or slug dose treatment is used, add an initial dose of 48 - 95 mL BULAB 3845 per cubic meter water (0.048 - 0.095 gal BULAB 3845 per 1000 gal water), based on the total volume of water in the system. Repeat until control is evident. Then treat the system daily, or as needed to maintain control, with 29 - 95 mL BULAB 3845 per cubic meter water (0.029 - 0.095 gal BULAB 3845 per 1000 gal water) in the system. If the continuous feed method of treatment is used, make initial dose as described above. Then treat daily, or as needed, with 29 - 95 mL BULAB 3845 per cubic meter water (0.029 - 0.095 gal BULAB 3845 per 1000 gal water) in the system by means of a chemical metering pump. For Control of Bacteria: If intermittent or slug dose treatment is used, add an initial dose of 4.8 - 9.5 mL BULAB 3845 per cubic meter water (0.0048 - 0.0095 gal BULAB 3845 per 1000 gal water), based on the total volume of water in the system. Repeat until control is evident. Then treat every 4 days, or as needed to maintain control, with 2.4 - 9.5 mL BULAB 3845 per cubic meter water (0.0024 - 0.0095 gal BULAB 3845 per 1000 gal water) in the system. If the continuous feed method of treatment is used, make initial dose as described above and repeat until control is evident. Then treat continuously with 0.48 - 4.8 mL BULAB 3845 per cubic meter water (0.00048 - 0.0048 gal BULAB 3845 per 1000 gal water) based on the total volume of makeup water.

ONCE-THROUGH INDUSTRIAL COOLING WATER SYSTEMS: BULAB 3845 is used to control bacteria, fungi, and algae in once-through and closed-cycle fresh and sea water cooling systems, cooling ponds, canals, and lagoons. BULAB 3845 should be added to the system inlet water or before any other contaminated area in the system by means of a metering pump. Treatment may be on a continuous or intermittent basis depending on the severity of the contamination and the retention time in the system. For Control of Fungi and Algae: If intermittent or slug dose treatment is used, add an initial dose of 60 - 118 ppm BULAB 3845 based on the flow rate through the system. The minimum treatment interval should be 15 min. Repeat until control is evident. Then treat the system with 36 - 118 ppm BULAB 3845 as needed to maintain control. If the continuous feed method of treatment is used, make initial dose as described above. Then treat the system with 36 - 118 ppm BULAB 3845 by means of a chemical-metering pump. For Control of Bacteria: If intermittent or slug dose treatment is used, add an initial dose of 6 - 12 ppm BULAB 3845 based on the flow rate of the system. Minimum treatment interval should be 15 min. Repeat until control is evident. Then add 3 - 12 ppm BULAB 3845 as needed to maintain control. If the continuous feed method of treatment is used, make initial dose as described above. Then add 1 - 6 ppm BULAB 3845 by means of a metering pump as needed to maintain control.

AIR WASHER SYSTEMS: BULAB 3845 is used to control slime-forming bacteria and fungi in industrial air-washer systems, by intermittent or continuous treatment of the water in the system. The system should be cleaned, refilled with fresh water, and treated regularly with BULAB 3845. If intermittent or slug dose treatment is employed, add an initial dose of 3 - 95 mL BULAB 3845 per cubic meter water (0.003 - 0.095 gal per 1000 gal water), based on the total volume of water in the system. Repeat until control is evident. Then treat every 2 days, or as needed to maintain control, with 1.5 - 47 mL BULAB 3845 per cubic meter water (0.0015 - 0.047 gal BULAB 3845 per 1000 gal water) in the system. If the continuous feed method of treatment is used, make initial dose as described above and repeat until control is evident. Then treat daily, or as needed, with 1.5 - 47 mL BULAB 3845 per cubic meter water (0.0015 - 0.047 gal BULAB 3845 per 1000 gal water) in the system, by means of a chemical-metering pump.

REVERSE OSMOSIS SYSTEMS: BULAB 3845 may be used to control microbiological fouling in reverse osmosis systems use for process wastewater and other non-potable applications. BULAB 3845 should be fed to the membrane feedwater at a rate of 20-80 ppm (2.75-11.0 fl. oz./1000 gal.). The product should be added continuously for a time period of 1-24 hours, 1-7 days each week depending on the severity of the problem. For off-line cleaning, BULAB 3845 should be added to provide a level of 100-400 ppm (13.75-55 fl. oz./1000 gal.) in the soak solution.

INDUSTRIAL PRESERVATIVE APPLICATIONS: BULAB 3845 may be used to reduce microbiological contamination in raw materials and/or products such as aqueous paints and coatings, polymers, slimes, adhesives, latex and resin emulsions, sizing, caulk, process water, along with specialty industrial products including inks, polishes, waxes, detergents, and cleansers. To reduce microbiological contamination add BULAB 3845 to the material or product at a concentration of 25 to 2,000 ppm by weight. This concentration is equivalent to 2.8 to 224.0 fluid ounces BULAB 3845 per 1,000 gallons or 21.4 to 1,712.0 milliliters BULAB 3845 per 1,000 liters. The required concentration will depend on the material being treated and level of contamination present.

DIRECTIONS FOR TREATING PUBLICLY-OWNED TREATMENT WORKS TO CONTROL COLIFORM AND OTHER BACTERIA add BULAB 3845 at a concentration of 1.0 to 10.0 ppm by weight of water being treated, depending on the severity and contamination in the system. Addition should be CONTINUOUS and should be made with a metering pump at a point in the system where mixing will be rapid and thorough. Add BULAB 3845 to the system in a location where contact time will be 30 minutes or greater before reaching outfall. TO USE AS A CO-TREATMENT WITH CHLORINE add 0.4 - 0.15 ppm BULAB 3845 by weight of water treated. Chlorination should result in a minimum detectable residual (i.e., greater than zero but less than the NPDES permit level). Additional should be CONTINUOUS and made at a point just after the initial chlorine mixing. Rapid mixing is necessary for maximum effectiveness. BULAB 3845 should be added at a location where a contact time of 10 minutes or longer will be provided before reaching the outfall.

Do not contaminate water. PESTICIDE STORAGE: Store at 50-60 degrees C. Keep container closed. PESTICIDE DISPOSAL: Excess pesticide, spray cannot be disposed of. Pesticide or Environment (the nearest EPA Region). CONTAINER DISPOSAL: Then offer for recycling or by other procedures.

Manufactured by 1256 North McL...

EPA Est. No.

EPA Reg. No.

Product Weight

HMS

Health 2 Flare

NOTIFICATION Date Reviewed: 6-10-03 Reviewed By: [Signature]