



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 77
EPA Registration No. 1448-42
Application Dated May 27, 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 3840

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,

A handwritten signature in cursive script that reads "Lisa McKelvin".
Adam Heyward
Product Manager (34)
Regulatory Management Branch II
Antimicrobials Division (7510C)

34

2/4

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

May 27, 2003

Adam Heyward, Product Manger - 34
Regulatory Management Branch II
Antimicrobials Division (7510C)
US Environmental Protection Agency
Room 266A, Crystal Mall 2
1921 Jefferson Davis Hwy
Arlington, VA 22202

NOTIFICATION
Date Reviewed: 6-10-03
Reviewed By: MLK/eli

Re: Busan 77, EPA Reg. No. 1448-42
Notification of Alternate Trade Name

Dear Mr. Heyward:

Buckman Laboratories, Inc. requests that the trade name, **BULAB 3840** be added to the file for BUSAN 77 (EPA Reg. No. 1448-42). The labeling for **BULAB 3840** shall be identical to that for BUSAN 77, with the exception of trade name.

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 these products. 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.

Enclosed are five (5) copies of the label for your review. If you have any questions or require any additional information, please feel free to contact me at (901) 272-6770

Sincerely,

BUCKMAN LABORATORIES INTERNATIONAL, INC.

Kristin M. Miller
Regulatory Affairs Specialist



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 1448-42	2. EPA Product Manager A. Heyward	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 77	PM# 34	
5. Name and Address of Applicant (Include ZIP Code) Buckmsn 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)(ii), 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: *McKelvin*

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 Notification of Alternate Trade Name: BULAB 3840
 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 these products. I understand that it is a violation of 18 USC. section 1001 to willfully make any false statements 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.

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
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 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
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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 <i>Kristin Miller</i>	3. Title Regulatory Affairs Specialist		
4. Typed Name Kristin M. Miller	5. Date May 27, 2003		



BU

Directions for Use

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

BULAB 3840 is used to control the growth of algae in swimming pools, heated swimming pools, exterior whirlpools, and hot baths. It is also used to control algae, bacteria, fungi and mollusks in cooling water and industrial process water systems and to inhibit the growth of bacteria that cause degradation of cutting fluids.

Industrial Fresh Water Systems: BULAB 3840 is used to control the growth of algae in holding ponds and reservoirs and to control the growth of bacteria and fungi in holding and processing tanks of industrial fresh water systems supplying water to pulp and paper mills, textile mills, and other manufacturing plants. In such systems, it is employed as a replacement for or supplement to the conventional treatment with chlorine or chlorine compounds. In pulp and paper mills, treatment of the fresh water with BULAB 3840 can make an important contribution to slime control. The use of BULAB 3840 as described will reduce the development of slime in fresh water pipes, fresh water spraying nozzles, and on the pulp and paper mill machine parts contacted by fresh water. However, BULAB 3840 is not recommended for use as the primary microbiocide for pulp and paper mill slime control since absorbents such as wood pulp rapidly absorb the product and greatly reduce its concentration in the circulating water. NOTE: Do not use in paper and paperboard that will contact food.

For the control of algae, bacteria, and fungi in industrial fresh water systems, BULAB 3840 is added at the rate of 1 to 11 fluid ounces of BULAB 3840 per 10,000 gallons of water to provide a concentration of 1 to 10 ppm BULAB 3840. Treatment is usually made continuously and should be based on the amount of water entering a pond or reservoir or leaving the pond or reservoir and entering the intermediate processing operations. In some cases, regular treatment periods of several hours each day will provide adequate control of the microorganisms.

Prior to the use of BULAB 3840 in water cooling towers, systems should be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 0.9 to 2.2 fluid ounces of BULAB 3840 per 1000 gallons of water to provide 8 to 20 ppm BULAB 3840, based on the total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug additions of 0.2 to 2.2 fluid ounces of BULAB 3840 per 1000 gallons of water (2 to 20 ppm BULAB 3840) every 2 to 5 days or as needed. The frequency of addition depends upon the relative amount of bleedoff and the severity of the microbiological problem. Slug additions should be made in the sump of water cooling towers.

To control mollusks such as Corbicula species in recirculating or once-through cooling water and industrial systems, add BULAB 3840 at dosage rates of 2 to 20 ppm. Additions should be made continuously or intermittently to the intake water. Continuous addition is required for noticeably fouled systems. Intermittent feeding is used to maintain control. BULAB 3840 is used to control algae and mollusks such as Corbicula and Dreissena species in potable water treatment systems. Mitigation: Add BULAB 3840 to the raw water at dosage rates of 2 to 5 ppm (2 to 5 mL of BULAB 3840 / 1000 L of water). For badly fouled systems, treatment should be continuous for up to 21 days, followed by regular control treatments. Control: To avoid fouling of potable water systems by mollusks, treat the raw water at 2 ppm for 60 minutes, repeating this treatment daily or a continuous feed of 0.5 mg/L.

BULAB 3840 is used to control bacteria in industrial air washing systems that maintain effective mist eliminating components. Prior to its use, systems should be cleaned to remove bacterial slime and other deposits. An initial slug dose of 3.33 to 5.55 fluid ounces of BULAB 3840 per 1000 gallons of water is recommended. Repeat initial dosage until control is evident. Subsequent slug addition of 2.25 to 5.55 fluid ounces of BULAB 3840 per 1000 gallons of water should be employed each 1 to 5 days, or as needed. The frequency of addition depends upon the relative amount of bleedoff and severity of the bacterial problem. Slug additions may be made to the sump or to the water collection trays of the airwash system.

For maximum effectiveness of BULAB 3840 in swimming pools, heated swimming pools, exterior whirlpools, and hot baths, those with heavy growths of algae should be cleaned prior to using BULAB 3840. For pools having just visible algae growth, add an initial dose of 11 to 17 fluid ounces of BULAB 3840 per 10,000 gallons of water and remove settled algae debris by cleaning. For treatment of a freshly cleaned and filled pool, add initially 6 to 11 fluid ounces of BULAB 3840 per 10,000 gallons of water. To maintain pools free of visible algae growth, subsequent additions of 2 to 4 fluid ounces of BULAB 3840 per 10,000 gallons of water should be made every 5 to 7 days after the initial treatment.

Uniform distribution of BULAB 3840 throughout the water in the pool is necessary for maximum effectiveness. BULAB 3840 is compatible with those chemicals normally used to treat pools and is effective at both acid and alkaline pH. BULAB 3840 can be used in pools treated with chlorine chemicals and may reduce the amount of those chemicals normally required. However, do not mix BULAB 3840 with concentrated dry or liquid chlorine products.

BULAB 3840 is used to control the growth of algae in decorative fountains and ponds that do not contain fish. Heavy growths of algae should be manually cleaned prior to treatment. Fountains and ponds with just visible algae growth require an initial dose of 1.0 to 2.0 fluid ounces of BULAB 3840 per 1000 gallons of water. To treat a freshly cleaned and filled fountain, add 0.5 to 1.5 fluid ounces of BULAB 3840 per 1000 gallons of water. Maintenance dosages of 0.2 to 0.5 fluid ounces of BULAB 3840 per 1000 gallons of water should be added every 5 to 7 days as needed. Additions of BULAB 3840 should be made at a point to ensure uniform distribution. BULAB 3840 may be used in fountains and ponds treated with chlorine chemicals, but do not mix BULAB 3840 with concentrated dry or liquid chlorine products.

BULAB 3840 will retard microbial growth that causes degradation of cooked starch used in paper manufacture. BULAB 3840 is added at a rate of 25 to 250 ppm based on the total weight of the starch and water. The treatment rate necessary to retard spoilage of the starch will vary with the extent of contamination of the make-up water and the length of storage. NOTE: Do not use in paper and paperboard that will contact food.

BULAB 3840 is employed for the inhibition of bacterial degradation of aqueous solutions or emulsions of the cutting fluids or oils employed as lubricants or coolants in the machining and processing of metals. It is recommended for the preservation of water-based synthetic metalworking fluids based on amines, borates, phosphates, nitrates, etc, and also for the protection of those fluids based on soluble or emulsifying oils modified with nonionic surfactants. It is not recommended, however, for use in insoluble or straight oils or in fluids containing anionic surfactants. For preservation of cutting fluids, 0.01 to 0.10% of BULAB 3840, based on the total weight of the diluted cutting fluid, is recommended. In some cases, BULAB 3840 may be added to the concentrated fluids, and the amounts of BULAB 3840 added then should be such that concentrations of 0.01 to 0.1% are obtained when the fluid is diluted with water for use in metalworking operations. For continued protection against bacterial degradation, treatment of the diluted cutting fluid should be repeated every four weeks. More frequent treatment may be necessary if excessive contamination of a particular cutting fluid system occurs. The latter condition may be indicated by the development of abnormal odors or an unusual appearance of the cutting fluid solution or emulsion and can be determined by bacteriological testing procedures.

ACTIVE INGREDIENT(S)

Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride)	60.0%
INERT INGREDIENTS	40.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

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 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

CAUTION: Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Wash thoroughly with soap and water after handling.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. 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.

NOTIFICATION

Date Reviewed: 11-10-03
Reviewed By: MLC

Do not contaminate water,

PESTICIDE STORAGE: Do not use or damaged drums should be removed and absorbed in sawdust or saw shavings when not in use.

PESTICIDE DISPOSAL: Dispose of on site or at an approved location.

CONTAINER DISPOSAL: Recycle, reuse, or puncture and dispose of in accordance with local, state, and federal regulations.

Manufactured by

1256 North McLearn

EPA Est. No.

EPA Reg. No.

Product Weight 9

HMS / N

Health 1 Flammable