

1448-103

4/2/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR - 2 2003

Buckman Laboratories, Inc.
1256 North McLean Blvd
Memphis, TN 38108

Attention: Kristin M. Miller
Regulatory Affairs Specialist

Subject: BUSAN 1058
EPA Registration No. 1448-103
Notification Dated February 24, 2003

This will acknowledge receipt of your notification to include additional label layout comments, submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

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

Sincerely,



Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobial Division (7510C)

CONCURRENCES

SYMBOL							
SURNAME							
DATE							



Read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

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<p>United States Environmental Protection Agency Washington, DC 20460</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td style="width:20px; height:20px;"><input type="checkbox"/></td><td style="padding: 2px;">Registration</td></tr> <tr><td style="width:20px; height:20px;"><input type="checkbox"/></td><td style="padding: 2px;">Amendment</td></tr> <tr><td style="width:20px; height:20px;"><input checked="" type="checkbox"/></td><td style="padding: 2px;">Other</td></tr> </table>	<input type="checkbox"/>	Registration	<input type="checkbox"/>	Amendment	<input checked="" type="checkbox"/>	Other	OPP Identifier Number
<input type="checkbox"/>	Registration							
<input type="checkbox"/>	Amendment							
<input checked="" type="checkbox"/>	Other							

Application for Pesticide - Section I

1. Company/Product Number Buckman Laboratories, Inc./1448-103	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Buckman Laboratories, Inc./BUSAN 1058	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Buckman Laboratories, Inc. 1256 North 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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)
 New label format.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must submitted			
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"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Crystal W. Brown	Title Regulatory Affairs Specialist	Telephone No. (Include Area Code) 901-272-7258
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 Crystal W. Brown	5. Date 21 February 2003	

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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

21 February 2003

Marshall Swindell, PM-33
Antimicrobials Division (7510C)
OPP, US EPA, Reg. Mgt Branch I
Room 266A, Crystal Mall 2
1921 Jefferson Davis Hwy
Arlington, VA 22202-4501

Re: New Label Format

Dear Mr. Swindell:

The BUSAN 1058 (EPA Reg. # 1448-103) product label layout has been revised to include additional label layout comments from the other EPA product managers. The label format has been revised to more closely reflect the requirements of 40 CFR 156.10. Since our current software package does not efficiently handle multiple layouts, we are revising all pesticide product label layouts.

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.

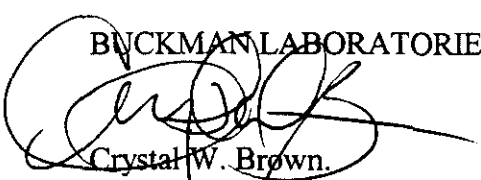
sub

Enclosed please find the following information to support this request:

- Completed EPA Form 8570-1
- Five (5) copies of the draft labels for each product.

If you have any questions or require any additional information, please contact me at (901) 272-8258.

Sincerely,

BUCKMAN LABORATORIES INTERNATIONAL, INC.

 Crystal W. Brown
 Regulatory Affairs Specialist



Directions for Use

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

PAPER MILL SLIME CONTROL: FOR THE CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Busan 1058 is added at a point in the system (raw stock chest, beater and/or refiner chest, or machine chest-wirepit) where it will be uniformly mixed. Application may be continuous or intermittent for a certain number of hours/day or per shift, depending upon system characteristics. Add 5 to 20 fluid ounces of Busan 1058 per ton of paper produced.

INTERMITTENT FEED METHOD: Apply 12 to 20 fluid ounces of Busan 1058 per ton (dry basis) of pulp or paper for 2 hours every 8 hours. Badly fouled process systems must be cleaned before initial treatment. **CONTINUOUS FEED METHOD:** Apply 5 to 15 fluid ounces of Busan 1058 per ton (dry basis) of pulp or paper produced on a continuous basis. Badly fouled process systems must be cleaned before initial treatment.

OILFIELD DRILLING MUDS AND WORKOVER OR COMPLETION FLUIDS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Determine the total volume of the circulating system. Calculate the number of gallons of Busan 1058 needed to produce a concentration of 2,080 ppm (0.73 lb/bbl) of Busan 1058 in the drilling mud circulating system. For example, 75 gallons of Busan 1058 per 1000 barrels of drilling fluid will produce the proper concentration. For best results add Busan 1058 in a thin stream to the mud pit while the drilling fluid is circulating. As the total volume increases, due to greater well depth, add additional Busan 1058 to maintain the proper concentration. Because of the wide variation in drilling mud composition and bacterial contamination, greater or lesser amounts of the Busan 1058 may be prescribed.

OILFIELD WATER TREATMENT AND WATER FLOODS: FOR CONTROL OF SLIME-FORMING AND/OR SPOILAGE BACTERIA: Calculate the total volume of water to be treated. Using this volume, calculate the number of gallons of Busan 1058 needed to produce concentration of approximately 2500 ppm Busan 1058. For example, 2.1 gallons of Busan 1058 per each 1000 gallons of total volume will produce this dilution. 350 ppm Busan 1058, added each week, is recommended to maintain bacterial control. This may be accomplished by adding 0.30 gallons of Busan 1058 to each 1000 gallons of total volume. Because of the wide variation in waters found in the oil field, greater or lesser amounts of Busan 1058 may be required in a particular location.

FOR THE PRESERVATION OF CLAY SLURRIES, ADHESIVES, COATINGS AND HIGH VISCOSITY SUSPENSIONS: For preservation of slurries and high viscosity suspensions, Busan 1058 should be added at a point in the processing system where there will be sufficient time and agitation for good mixing and dispersion. Add Busan 1058 at use levels of 0.04-0.11%, by weight, based on the total formulation in slurries of starch, clay, calcium carbonate, or titanium dioxide; paper coatings; high viscosity suspensions (e.g., polymers, silica-polymer combinations); polyvinyl alcohol/polyvinyl acetate-based adhesives; starch-based adhesives; dextrin-based adhesives. The exact amount of material to be added for the preservation of any given formulation will depend on the components and local storage time and conditions. Dosage rates should be determined by actual tests.

RECIRCULATING COOLING WATER SYSTEMS: FOR CONTROL OF ALGAE, FUNGI AND SLIME FORMING BACTERIA: Dosages for recirculating cooling water systems will depend on the condition of the system prior to treatment initiation. Systems which are heavily contaminated should be cleaned first. Apply Busan 1058 to the cleaned system when growth is first noticed according to the following schedule.

INITIAL DOSE: Apply 3.25 - 6.5 fluid ounces (30 - 60 ppm) of Busan 1058 per each 1000 gallons of water in the system. This dose may be a continuous treatment or applied once, twice or three times weekly or as required to control the growth of slime forming organisms.

SUBSEQUENT DOSAGE: When microbial control is evident add 0.5 - 3.25 fluid ounces (5 - 30 ppm) of Busan 1058 per 1000 gallons of water in the system as a continuous treatment daily or every three days or as required to maintain control.

ACTIVE INGREDIENT(S)	
Tetrahydro-3,5-dimethyl-2H-1,3,5-thiadiazine-2-thione	24.0%
INERT INGREDIENTS	76.0%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN DANGER

FIRST AID	
If in Eyes	- Hold eyes 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.	
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 eye damage and skin irritation. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed. Avoid contamination of food. May cause skin sensitization.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. 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 Systems (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Do not contaminate water. PESTICIDE STORAGE: Store at 50 to 80 degrees F. Keep container closed to prevent damage, with local, state, and federal PESTICIDE DISPOSAL: Do not mix with excess pesticide, spray cannot be disposed of. Pesticide or Environment (the nearest EPA Region). CONTAINER DISPOSAL: recycling or reconditioning procedures approved (equivalent). Then offer for sanitary landfill, or incinerated, stay out of streams.

Manufactured by

1256 North Mc

EPA Est. No.

EPA Reg. No.

Product Weight

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Health 3 Fla