

1448-92

4/2/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 02 2003

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

Attention: Kristin M. Miller  
Regulatory Affairs Specialist

Subject: BUSAN 1024  
EPA Registration No. 1448-92  
Notification Dated February 26, 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



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 Buckman Laboratories, Inc./1448-92	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 1024	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"/> 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 checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

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:				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	If "Yes" Unit Packaging wgt.    No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> 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 Crystal W. Brown	Title Regulatory Affairs Specialist, III	Telephone No. (include Area Code) 901-272-8253
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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 	3. Title Regulatory Affairs Specialist, III	6. Date Application Received (Stamped)
4. Typed Name Crystal W. Brown	5. Date 26 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: knelix@buckman.com

26 February 2003

Mr. Marshall Swindell  
Product Manager 33  
Management Regulatory Branch I  
Antimicrobial Division (7510C)  
US Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202 - 4501

Re: BUSAN 1024, EPA Reg. No. 1448-92  
Letter Correspondence dated: 21 January 2003

Dear Mr. Swindell:

The BUSAN 1024 (EPA Reg. # 1448-92) product label layout has been revised to include additional label layout comments from the 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.

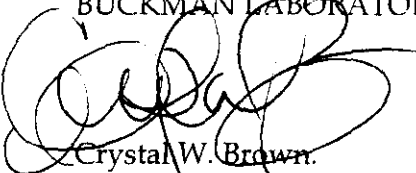
*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of these products. I understand that it is a violation of 18 USC. § 1001 to willfully make any false 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.*

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



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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 1024 is a preservative that is effective for the protection of emulsion paints, adhesives, latex emulsions, construction materials, detergents laundry starch, petroleum products and recovery, fountain wash systems, textiles, inks, polishes and waxes, papermaking chemicals and coatings and metal working fluids. The directions given on this label show the range of effective concentrations indicated by laboratory tests on typical substrates, but it is recommended that appropriate preservation tests be run to determine the minimum amount of Busan 1024 needed to preserve a particular formulation. Technical assistance in the application of Busan 1024 as a preservative is available upon request when a description of the problem is provided.

\* Busan 1024 may not be used for preservation of materials which may contact food.

**EMULSION PAINTS:** For in-can preservation of emulsion paints, add 0.05 to 0.50% Busan 1024 by weight of the formulation (500 to 5000 ppm). The preservative can be added in the letdown or to any of the aqueous raw materials incorporated in the paint.

**ADHESIVES\*:** To protect adhesives based on starch, gums, latexes, cellulose, proteins, synthetic polymers, or other natural or synthetic materials from microbial degradation, add 0.1 to 0.50% Busan 1024 by weight of the formulation (1000 to 5000 ppm).

**LATEX EMULSIONS:** For the preservation of acrylic, vinyl acetate, styrene, and other latex emulsions, add 0.05 to 0.50% Busan 1024 by weight of the emulsion. (500 to 5000 ppm). Products containing no residual monomer will require concentrations in the higher part of the recommended concentration range.

**CONSTRUCTION MATERIALS:** To increase shelf and use life of caulking, grouting and spackling compounds and cements, add 0.05% to 0.15% BUSAN 1024 by weight of the formulation (500 to 1500 ppm).

**DETERGENTS:** To prevent bacterial deterioration during storages and to increase the shelf life of biodegradeable surfactants, add 0.1 to 0.3% BUSAN 1024 by weight of the formulation (1000 to 3000 ppm).

**LAUNDRY STARCH:** To increase shelf and use life of liquid formulation add 0.1 to 0.3% Busan 1024 by weight of the formulation (1000 to 3000 ppm).

**PETROLEUM PRODUCTION AND RECOVERY:** To prevent bacterial growth in drilling muds, gypsum muds, packer fluids, underground flooding waters, and underground strata, add 0.2 to 0.3% by weight (2000 to 3000 ppm) Busan 1024.

**FOUNTAIN WASH SYSTEMS:** To prevent bacterial growth and odor in fountain wash systems, add 0.15 to 0.3% Busan 1024 by weight of formulation to fountain wash solutions (1500 to 3000 ppm).

**TEXTILES:** To prevent spoilage of spinning emulsions for rayon and finishing solutions and to prevent viscosity and pH changes in printing paste caused by bacteria and fungi, add 0.8 to 1.0% Busan 1024 by weight of the formulation (8000 to 10,000 ppm).

**INKS:** To increase the shelf life of water based fountain pen, fabric and paper printing inks, add 0.02 to 0.1 % Busan 1024 by weight of the formulation (200 to 1000 ppm).

**POLISHES AND WAXES:** To preserve water-based polishes and waxes in the can and during storage, add 0.3 to 0.75% Busan 1024 by weight of the product (3000 to 7500 ppm).

**PAPERMAKING CHEMICALS AND COATINGS\*:** To control the bacterial degradation of paper coatings, pigment slurries, and other aqueous formulations used in papermaking, add 0.3 to 0.50% Busan 1024 by weight of the formulation.

**METALWORKING FLUIDS:** Busan 1024 is recommended for use in metal working fluids to prevent bacterial contamination and subsequent malodor and loss of desired physical characteristics. The concentration of Busan 1024 needed depend upon the type of metal working fluid employed. In soluble oils and semisynthetic fluids, add sufficient Busan 1024 to provide a concentration of 0.30 to 0.50% (3 to 5 gallons Busan 1024 per 1000 gallons) in the diluted "ready to use" fluid. For synthetic metal working fluids, the concentration of Busan 1024 should be 0.10 to 0.50% (1 to 5 gallons Busan 1024 per 1000 gallons) of the diluted "ready to use" fluid.

\* Busan 1024 may not be used for preservation of materials which may contact food.

Do not contaminate water. For **PESTICIDE STORAGE:** Do not store drums should be placed in sawdust or sand and disposed in use.

**PESTICIDE DISPOSAL:** Dispose of on site or at an approved site. **CONTAINER DISPOSAL:** Recycle, reconditioning, or puncture allowed by state and local authority.

<b>ACTIVE INGREDIENT(S)</b>	
1-Methyl-3,5,7-triaza-1-azoniatricyclodecane chloride.....	18.0%
<b>INERT INGREDIENTS</b> .....	82.0%
<b>TOTAL</b> .....	100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

### 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.

## Precautionary Statements

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if inhaled. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

**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. Do not contaminate water by cleaning of equipment or disposal of wastes.

Manufactured by

1256 North McLeese

EPA Est. No.

EPA Reg. No.

Product Weight 8

HMS / P

Health 1 Flamm: