

1448-92

03-18-2008

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



United States  
Environmental Protection  
Agency

Office of Pesticide Programs

MAR 18 2008

**Buckman Laboratories, Inc.**  
1256 N. McLean Blvd.  
Memphis, TN 38108

**Attention: Carl F. Watson, Ph.D**

**Subject: BUSAN 1024**  
**EPA Registration No. 1448-92**  
**Amendment Dated December 18, 2007**

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, to delete certain uses on the label in response to the Registration Review Program, is acceptable.

A stamped copy of the "accepted" product labeling is enclosed for your records.

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

Sincerely

A handwritten signature in cursive script that reads "Marshall Swindell".

**Marshall Swindell**  
**Product Manager (33)**  
**Regulatory Management Branch 1**  
**Antimicrobials Division (7510P)**

**Enclosure**



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United States  
Environmental Protection Agency  
Washington, DC 20460

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

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1448-92	2. EPA Product Manager Marshal Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 1024	PM# 33	
5. Name and Address of Applicant (Include ZIP Code) Buckman Laboratories, Inc. 1256 N. McLean Blvd. Memphis, TN 38134 <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 checked="" 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.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Label Amendment: Use deletions under Registration Review Program

Non-Pria Action: This action is not considered subject to PRIA fees or timeframes as it is submitted in response to Registration Review comments, Busan 1024 (PC Code 128889).

### 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	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	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 be submitted		If "Yes" Unit Packaging wgt. No. per container	

3. Location of Net Contents Information  
 Label  Container

4. Size(s) Retail Container \_\_\_\_\_

5. Location of Label Directions

6. Manner in Which Label is Affixed to Product  
 Lithograph Paper glued Stenciled  Other \_\_\_\_\_

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Carl F. Watson	Title Sr. Regulatory Toxicologist	Telephone No. (Include Area Code) (901) 272-6228
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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.

2. Signature

3. Title  
Sr. Regulatory Toxicologist

4. Typed Name  
Carl F. Watson, Ph.D.

5. Date  
18 December 2008

6. Date Application Received (Stamped)

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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](mailto:knetix@buckman.com)

via Federal Express

December 18, 2007

Mr. Marshall Swindell, PM 33  
Document Processing Desk (AMEND)  
OPP - AD (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

Re: Label Amendment: BUSAN 1024, PC Code 128889  
EPA Registration Numbers: 1448-92  
Deletion of Label Uses  
Response to Registration Review program; Non PRIA Action

Dear Mr. Swindell:

Buckman Laboratories submits this label amendment for BUSAN 1024 (EPA Reg. # 1448-92). This amendment incorporates certain use deletions discussed with EPA as part of the Registration Review program for this product.

This action is considered to qualify as a Fast-Track Amendment and therefore is not subject to the Pesticide Registration Improvement Act (PRIA) fees or timeframes. Buckman is requesting to waive the standard 180 day public comment period (to a 60 day public comment period).

If you have any questions or require any additional information pertaining to this action, please contact me at (901) 272-6228 or [cfwatson@buckman.com](mailto:cfwatson@buckman.com).

Sincerely,  
BUCKMAN LABORATORIES INTERNATIONAL, INC.



Carl F. Watson, Ph.D.  
Sr. Regulatory Toxicologist

cc. K. Avivah Jakob

CC: K. Avivah Jakob  
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](mailto:knetix@buckman.com)



# BUSAN 1024

BUSAN is a registered trademark.

**ACTIVE INGREDIENT(S)**

1-Methyl-3,5,7-triaza-1-azoniatricyclodecane chloride..... 18.0%

**INERT INGREDIENTS**..... 82.0%

**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 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.	

**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.

It is a violation of Federal law to use this product in a manner in which BUSAN 1024 is a preservative that is effective for emulsions, construction materials, industrial detergents, waxes, and coatings. The directions given on this label are to be followed. Laboratory tests on typical substrate preservation tests be run to determine the minimum particular formulation. Technical assistance in the available upon request when a description of the product for preservation of materials which may contact food.

**EMULSION PAINTS:** For in-can preservation of emulsions, add 0.05 to 0.50% BUSAN 1024 by weight of the aqueous raw materials incorporated in the formulation (500 to 5000 ppm). The weight of the aqueous raw materials incorporated in the formulation.

**ADHESIVES\*:** To protect adhesives based on styrene-butadiene polymers, or other natural or synthetic material, add 0.05 to 0.50% BUSAN 1024 by weight of the formulation (1000 to 3000 ppm) for preservation of materials which may contact food.

**LATEX EMULSIONS:** For the preservation of latex emulsions, add 0.05 to 0.50% BUSAN 1024 by weight of the formulation containing no residual monomer will require concentration range.

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

**INDUSTRIAL USE DETERGENTS ONLY:** To increase the shelf life of biodegradable surfactant formulations, add 0.05% to 0.15% BUSAN 1024 by weight of the formulation (1000 to 3000 ppm).

**FOUNTAIN WASH SYSTEMS:** To prevent bacterial growth, add 0.15 to 0.3% BUSAN 1024 by weight of the formulation.

**INKS:** To increase the shelf life of water based formulations, add 0.1% BUSAN 1024 by weight of the formulation used for preservation of materials which may contact food.

**POLISHES AND WAXES:** To preserve water-based formulations, add 0.3 to 0.75% BUSAN 1024 by weight of the formulation.

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

ACCEPTED  
with COMMENTS  
EPA Letter Dated:

MAR 18 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No.

1448-92

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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, industrial detergents, fountain wash systems, inks, polishes and waxes, and coatings. 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.

18.0%  
82.0%  
100.0%

OF CHILDREN  
N

water for 15-20 minutes. At least 5 minutes; then continue rinsing eye. For further treatment advice.

15-20 minutes. For further treatment advice.

Allow 15-20 minutes for treatment advice. Allow 15-20 minutes for treatment advice.

Call the poison control center or doctor. For further treatment advice.

When calling a Poison Control Center, you may also contact 901-278-0330 for further treatment information.

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). BUSAN 1024 may not be used for preservation of materials which may contact food.

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).

INDUSTRIAL USE DETERGENTS ONLY: To prevent bacterial deterioration during storage and to increase the shelf life of biodegradable surfactants add 0.1 to 0.3% BUSAN 1024 by weight of the formulation (1000 to 3000 ppm).

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).

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). BUSAN 1024 may not be used for preservation of materials which may contact food.

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).

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

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal. **PESTICIDE STORAGE:** Do not stack more than four drums high. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary landfill. Keep container closed when not in use. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Precautions  
DOMESTIC ANIMALS

Avoid contact with skin, eyes or clothing. In case of contact with water. Get medical attention if irritation occurs.

Do not contain this product into lakes, streams, rivers, or other bodies of water in accordance with the requirements of a permit and the permitting authority has issued for the discharge of this product to sewer treatment plant authority. For guidance contact your local EPA. Do not contaminate water by

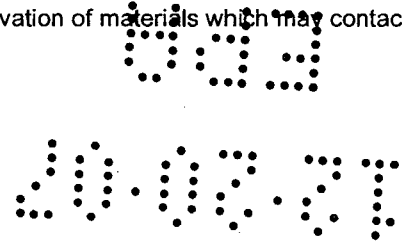
Manufactured by  
**Buckman Laboratories, Inc.**  
1256 North McLean Blvd.  
Memphis, Tennessee 38108, USA  
**(901) 278-0330 or 1-800-BUCKMAN**

EPA Est. No. 1448-TN-1  
EPA Reg. No. 1448-92  
Product Weight 8.8 lbs/gal 1.06 kg/l  
Net contents are marked on the container.

**HMIS / NPCA Ratings**  
Health 1 Flammability 1 Reactivity 1  
**Last Revision 12/18/2007**

NOTED  
Dated:

108  
Pesticide,  
Under Act as  
Pesticide,  
Reg. No.



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