

1448-92

05-07-2011

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

MAY - 7 2011

Buckman Laboratories, Inc.  
1256 North McLean Blvd  
Memphis, TN 38108-124

Attention: Carl Watson  
Regulatory Manager

Subject: Notification  
BUSAN 1024  
EPA Reg. No. 1448-92  
Amendment Letter dated November 9, 2009

This will acknowledge receipt of your notification for the aforementioned product labels, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

- Updating container disposal language per PR Notice 2007-4

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 Demson Fuller at (703) 308-8062.

Sincerely,

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

Marshall Swindell  
Product Manager (33)  
Regulatory Management Branch 1  
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 1448-92	2. EPA Product Manager Velma Noble	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 1024	PM# 31	
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**

Amendment - Explain below.  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)  
Label Amendment: Non-PRIA action.  
ACTION: Revise the Storage & Disposal Section in order to comply with PR Notice 2007-4  
Contact: cfwatson@buckman.com; FAX: (901) 272-6256

**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	If "Yes" Package 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 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	6. Date Application Received (Stamped)
4. Typed Name Carl F. Watson, Ph.D.	5. Date 19 November 2009	

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)

19 November, 2009

Ms. Velma Noble, PM 31  
Regulatory Management Branch I  
Antimicrobial Division (7510C)  
U.S. Environmental Protection Agency  
Room S-8855, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202

Re: Label Revisions: PR Notice 2007-4 Pesticide Container and Containment Rule  
EPA Registration Numbers: 1448-84 and 1448-92

Dear Ms. Noble:

Buckman Laboratories submits the following amendment for the product labels listed below:

BUSAN 1014 (EPA Reg. # 1448-84)

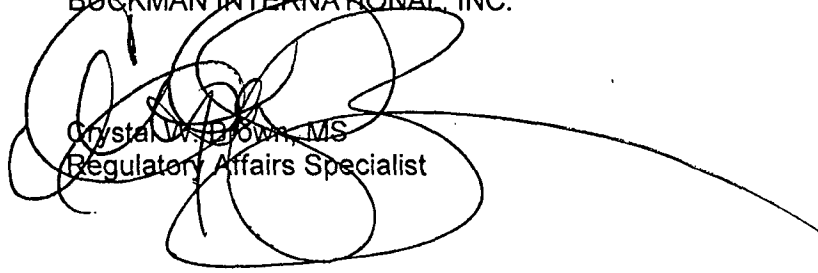
BUSAN 1024 (EPA Reg. # 1448-92)

Please find enclosed the EPA application form 8570-1 and 5 copies of each draft revised label incorporating changes per comments from PR Notice 2007-4 regarding the Pesticide Container and Containment Rule.

If you have any questions or require any additional information pertaining to this action, please contact me at (901) 272-8258 ([cwbrown@buckman.com](mailto:cwbrown@buckman.com)) or Dr. Carl Watson at (901) 272-6228 ([cfwatson@buckman.com](mailto:cfwatson@buckman.com)).

Sincerely,

BUCKMAN INTERNATIONAL, INC.

  
Crystal W. Brown, MS  
Regulatory Affairs Specialist



# BUSAN 1024

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*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.



# BUSAN 1024

*BUSAN is a registered trademark.*

## 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.

**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.

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# BUSAN 1024

BUSAN is a registered trademark.

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## 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:

(Text for all nonrefillable containers)

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

{Liquid residue removal statement for nonrefillable containers with capacity of 5 gals or less}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

{Liquid residue removal statement for nonrefillable containers with capacity of >5 gals}

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

(Text for all nonrefillable containers)

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

{Text for refillable containers}

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Batch code: \_\_\_\_\_

**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

11/11/2009