

1448-20001

07-28-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

JUL 28 2010

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Crystal W. Brown, MS  
Regulatory Specialist  
Buckman Laboratories, Inc.  
1256 North McLean Blvd.  
Memphis, TN 38108

**FILE COPY**

Subject: Busan 1125C  
EPA Reg. No. 1448-20001  
Application Dated: June 28, 2010  
Receipt Date: July 2, 2010

Dear Ms. Brown:

The following notification submitted in connection with registration under the provisions of PR Notice 98-10, Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) section 3(c)9 is acceptable.

**Proposed Notification:**

- Alternate Brand Names "Busan 1131" and "Bulab 6004"

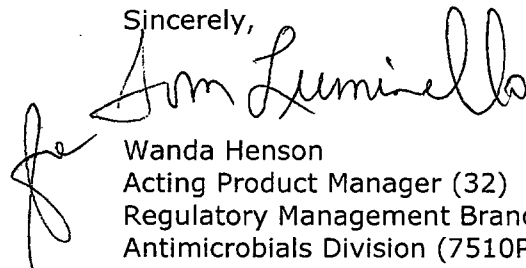
**Comments:**

Based on a review of the material submitted, the following comments apply:

This application for notification to add alternate brand names, as referenced above, is acceptable.

Should you have any questions concerning this letter, please contact me at [Henson.Wanda@epa.gov](mailto:Henson.Wanda@epa.gov) or call (703) 308-6345.

Sincerely,

  
Wanda Henson  
Acting Product Manager (32)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

Please read instructions on reverse before completing form.

Form Approved OMB No. 2070-0060

Print Form



United States  
Environmental Protection Agency  
Washington, DC 20460

 Registration  
 Amendment  
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Buckman Laboratories, Inc/ 1448-20001	2. EPA Product Manager E. Mitchell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Buckman Laboratories, Inc / Busan 1125C	PM# 32	
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

<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.)

Addition of alternate trade names: Busan 1131 and Bulab 6004.

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
				<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"/> On Label <input type="checkbox"/> On Labeling accompanying product	
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 Jeffery M. Thorne	Title Director, Compliance	Telephone No. (Include Area Code)
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>for Jeffery M. Thorne</i>	3. Title Director compliance	
4. Typed Name Jeffery M. Thorne	5. Date 28 June 2010	

via Federal Express

28 June 2010

Ms. Emily Mitchell, PM 32  
Office of Pesticide Programs  
U.S. Environmental Protection Agency  
One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202

Re: BUSAN 1125C, EPA Registration Number: 1448-20001  
Notification of Alternate Trade Names: BUSAN 1131 and BULAB 6004

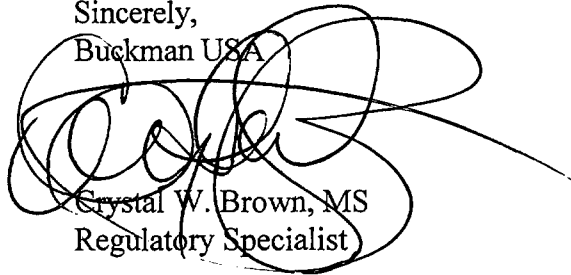
Dear Ms. Mitchell:

Please find enclosed a Notification of Alternate Trade Name to add the names, BUSAN 1131 and BULAB 6004 to the BUSAN 1125C registration (EPA Reg. No. 1448-20001). Five (5) copies of the label are enclosed, reflecting the latest EPA stamped label dated 28 July 2004.

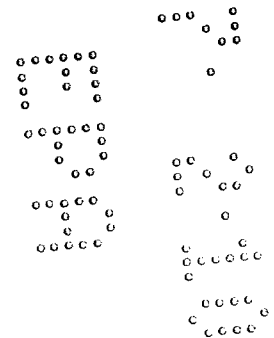
*"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any 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."*

If you have any questions or require any additional information, please contact Jeff Thorne at (901) 272-6775 or [jmthorne@buckman.com](mailto:jmthorne@buckman.com).

Sincerely,  
Buckman USA



Crystal W. Brown, MS  
Regulatory Specialist



# Buckman

# BULAB® 6004

<b>ACTIVE INGREDIENT(S):</b>	
Sodium hypochlorite .....	12.5%
<b>INERT INGREDIENTS:</b> .....	87.5%
<b>TOTAL</b> .....	100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

FIRST AID	
<b>If in Eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If on Skin, Clothes</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15–20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If Swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If Inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>HOT LINE NUMBER</b> Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 901-767-2722 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive, may cause severe skin and eye irritation or chemical burns to broken skin. Causes eye damage. Wear safety glasses or goggles and rubber gloves when handling this product. Wash after handling. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

**PHYSICAL OR CHEMICAL HAZARDS: STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc) or organic matter (e.g. urine, feces, etc) will release chlorine gas which is irritating to eyes, lungs and mucous membranes.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless this product is specifically identified and addressed in a National Pollutant Discharge Elimination Systems (NPDES) permit. 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.

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It is a violation of Federal law

NOTE: This product degrades to obtain the required level of chlorine. **PULP AND PAPER MILL PROCESSING:** SLUG FEED METHOD – Initial product per 10,000 gallons of water. Repeat until control is achieved. Subsequent Dose: When micro water in the system daily or as Baddy fouled systems must be

**INTERMITTENT FEED METHOD:** to 104 oz. of this product per 1000 gallons of water. Apply half (1/3, 1/4, 1/5) of the water lost be blowdown. Subsequent Dose: When micro water in the system to obtain half (1/3, 1/4, 1/5) of the water before treatment is begun.

**CONTINUOUS FEED METHOD:** of this product per 10,000 gallons of water in the system. Subsequent Dose: Maintain this per 1000 gallons of water lost to be cleaned before treatment is

**BRIQUETTES OR TABLETS:** 10,000 gallons of water in the system. Subsequent Dose: When micro water in the system daily, or as

**COOLING TOWER/ EVAPORATOR:** SLUG FEED METHOD – Initial product per 10,000 gallons of water. Repeat until control is achieved. Subsequent Dose: When micro water in the system daily or as Baddy fouled systems must be

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**DISINFECTION OF DRINKING WATER SYSTEMS:** Mix a ratio of 1 cc with hypochlorinator until a free ppm is attained throughout the system. Bacteriological sampling must be taken. Interim Primary Drinking Water

**INDIVIDUAL SYSTEMS:** Disinfect the casing (lining) with 100 ppm made by thoroughly mixing 1 cup of product with 100 gallons of water. Pour the sanitizing solution into the exterior of the pump cylinder. Strong odor of chlorine in water well until all traces of chlorine for further details.

# LAB<sup>®</sup> 6004

..... 12.5%  
 ..... 87.5%  
 ..... 100.0%

## TOXICITY TO CHILDREN DANGER

FIRST AID
Wash and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
Call your poison control center or doctor for treatment advice.
Remove contaminated clothing. Wash immediately with plenty of water for 15-20 minutes. Call your poison control center or doctor for treatment advice.
Call your poison control center or doctor immediately for treatment advice. If swallowed, give a glass of water if able to swallow. Do not induce vomiting unless told to by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
Get to fresh air. If breathing, call 911 or an ambulance, then give artificial respiration by mouth-to-mouth, if possible. Call your poison control center or doctor for further treatment advice.
HOT LINE NUMBER
Call the number listed with you when calling a Poison Control Center or doctor, or call 901-767-2722 for emergency medical treatment.
NOTE TO PHYSICIAN
Contraindicate the use of gastric lavage.

## CAUTIONARY STATEMENTS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with skin and eye irritation or chemical burns to broken skin. Wear safety glasses or goggles and rubber gloves when handling this product. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not ingest.

**WARNING: STRONG OXIDIZING AGENT:** Mix only with water according to label directions. Do not mix with chemicals (e.g. ammonia, acids, detergents, etc) or organic materials. Release chlorine gas which is irritating to eyes, lungs and mucous membranes.

This product is toxic to fish and aquatic organisms. Do not discharge into lakes, streams, ponds, estuaries, oceans or other waters unless specifically approved and addressed in a National Pollutant Discharge Elimination Act permit or other discharge permit. Do not discharge into sewer systems without the approval of your local treatment plant authority. For guidance, contact your State Water

## DIRECTIONS FOR USE

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

**NOTE:** This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of chlorine.

### PULP AND PAPER MILL PROCESS WATER SYSTEMS:

**SLUG FEED METHOD - Initial Dose:** When system is noticeably fouled, apply 52 to 104 of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily or as needed to maintain control and keep the chlorine residual at 1 ppm. Badly fouled systems must be cleaned before treatment is begun.

**INTERMITTENT FEED METHOD - Initial Dose:** When the system is noticeably fouled, apply 52 oz. to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost be blowdown.

**Subsequent Dose:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system to obtain a 1 ppm residual. Apply half (1/3, 1/4, 1/5) of the initial dose when half (1/3, 1/4, 1/5) of the water has been lost be blowdown. Badly fouled systems must be cleaned before treatment is begun.

**CONTINUOUS FEED METHOD - Initial Dose:** When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

**Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 1 oz. of this product per 1000 gallons of water lost by blowdown to maintain a 1 ppm residual. Badly fouled systems must be cleaned before treatment is begun.

**BRIQUETTES OR TABLETS - Initially slug dose the system with 52 oz. of this product per 10,000 gallons of water in the system. Badly fouled systems must be cleaned before treatment is begun.**

**Subsequent Dose:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and maintain the chlorine residual at 1 ppm.

### COOLING TOWER/ EVAPORATIVE CONDENSOR WATER

**SLUG FEED METHOD - Initial Dose:** When system is noticeably fouled, apply 52 to 104 of this product per 10,000 gallons of water in the system to obtain from 5 to 10 ppm available chlorine. Repeat until control is achieved.

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**CONTINUOUS FEED METHOD - Initial Dose:** When system is noticeably fouled, apply 52 to 104 oz. of this product per 10,000 gallons of water in the system to obtain 5 to 10 ppm available chlorine.

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**Subsequent Dose:** When microbial control is evident, add 11 oz. of this product per 10,000 gallons of water in the system daily, or as needed to maintain control and maintain the chlorine residual at 1 ppm.

**DISINFECTION OF DRINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS) PUBLIC SYSTEMS:** Mix a ratio of 1 oz. of this product to 100 gallons of water. Begin feeding this solution with hypochlorinator until a free available chlorine residual of at least 0.2 ppm and no more than 0.6 ppm is attained throughout the distribution system. Check water frequently with a chlorine test kit. Bacteriological sampling must be conducted at a frequency no less than that prescribed by the National Interim Primary Drinking Water Regulations. Contact your local Health Department for further details.

**INDIVIDUAL SYSTEMS: DUG WELLS:** Upon Completion of the casing (lining) wash the interior of the casing (lining) with 100 ppm available chlorine solution using a stiff brush. This solution can be made by thoroughly mixing 1 oz. of this product in to 10 gallons of water. After covering the well, pour the sanitizing solution into the well through both the pipesleeve opening and the pipeline. Wash the exterior of the pump cylinder also with the sanitizing solution. Start pump and pump water until strong odor of chlorine in water is noted. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine have been removed from water. Consult your local Health Department for further details.

INDIVIDUAL SYSTEM turbidity as possible. can be made by thorough cleaning, chlorinated exterior of pump cylinder well until all traces of may necessitate the u local health department

INDIVIDUAL WATER require disinfection. Consult your local health

EMERGENCY DISINF potable by using this filtration or by allowing container and add 1 d 30 minutes. Properly the water to stand an a between clean contain

PUBLIC WATER SYS the reservoir. Suitable from the points of entry

MAINS: - Thoroughly of at least 2.5 feet per a hypochlorinator. Stop pressure end of the the system must be flus

NEW TANKS, BASINS for each cubic feet of wor for at least 4 hours. Dra

NEW FILTER SAND: - of the product dissolving

NEW WELLS: - Flush t this product for each 100 thorough mixing with agi It may then be pumped t water will indicate wheth

EXISTING EQUIPMENT soil. Sanitize by placing available chlorine). Fill to If the previous treatment of this product for each 5 flush with water and retu

Store this product in a c case of spill, flood areas be diluted with water bel collection. Do not conta

Health 3 Flammability 0

1256 N

## DIRECTIONS FOR USE

ederal law to use this product in a manner inconsistent with its labeling.

degrades with age. Use a chlorine test kit and increase dosage as necessary to vel of chlorine.

### MILL PROCESS WATER SYSTEMS:

OD – Initial Dose: When system is noticeably fouled, apply 52 to 104 of this gallons of water in the system to obtain from 5 to 10 ppm available chlorine. s achieved.

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ABLETS – Initially slug dose the system with 52 oz. of this product per r in the system. Badly fouled systems must be cleaned before treatment is begun. hen microbial control is evident, add 11 oz. of this product per 10,000 gallons of aily, or as needed to maintain control and maintain the chlorine residual at 1 ppm.

### EVAPORATIVE CONDENSOR WATER

OD – Initial Dose: When system is noticeably fouled, apply 52 to 104 of this gallons of water in the system to obtain from 5 to 10 ppm available chlorine. ; achieved.

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RINKING WATER (EMERGENCY/PUBLIC/INDIVIDUAL SYSTEMS) PUBLIC o of 1 oz. of this product to 100 gallons of water. Begin feeding this solution ntil a free available chlorine residual of at least 0.2 ppm and no more than 0.6 hout the distribution system. Check water frequently with a chlorine test kit. ng must be conducted at a frequency no less than that prescribed by the National g Water Regulations. Contact your local Health Department for further details.

AS: DUG WELLS: Upon Completion of the casing (lining) wash the interior of r 100 ppm available chlorine solution using a stiff brush. This solution can be nixing 1 oz. of this product in to 10 gallons of water. After covering the well, ution into the well through both the pipesleeve opening and the pipeline. Wash p cylinder also with the sanitizing solution. Start pump and pump water until ; in water in noted. Stop pump and wait at least 24 hours. After 24 hours flush hlorine have been removed from water. Consult your local Health Department

INDIVIDUAL SYSTEMS: DRILLED, DRIVEN & BORED WELLS: Run pump until water is as free from turbidity as possible. Pour a 100 ppm available chlorine sanitizing solution into the well. This solution can be made by thoroughly mixing 1 oz. of this product into 10 gallons of water. Add 5 to 10 gallons of clean, chlorinated water to the well in order to force the sanitizer into the rock formation. Wash the exterior of pump cylinder with the sanitizer. Stop pump and wait at least 24 hours. After 24 hours flush well until all traces of chlorine is have been removed from water. Deep wells with high water levels may necessitate the use of special methods for introduction of the sanitizer into the well. Consult your local health department for further details.

INDIVIDUAL WATER SYSTEMS: FLOWING ARTESIAN WELLS: Artesian wells generally do not require disinfection. If analyses indicate persistent contamination, the well should be disinfected. Consult your local health department for further details.

EMERGENCY DISINFECTION: When boiling water for 1 minute is not practical, water can be made potable by using this product. Prior to addition of the sanitizer, remove all suspended material by filtration or by allowing it to settle to the bottom. Decant the clarified, contaminated water to a clean container and add 1 drop of this product to 20 gallons of water. Allow the treated water to stand for 30 minutes. Properly treated water should have a slight chlorine odor, if not, repeat dosage and allow the water to stand an additional 15 minutes. The treated water can then be made palatable by pouring between clean containers several times.

PUBLIC WATER SYSTEMS RESERVOIRS-ALGAE CONTROL: Hypochlorinate streams feeding the reservoir. Suitable feeding points should be selected on each stream at least 50 yards upstream from the points of entry into the reservoir.

MAINS: – Thoroughly flush section to be sanitized by discharging from hydrants. Permit a water flow of at least 2.5 feet per minute to continue under pressure while injecting this product by means of a hypochlorinator. Stop water flow when a chlorine residual test of 50 ppm is obtained at the low pressure end of the new main section after 24 hour retention time. When chlorination is completed, the system must be flushed free of all heavily chlorinated water.

NEW TANKS, BASINS, ETC.: – Remove all physical soil from surfaces. Place 20 oz. of this product for ach cubic feet of working capacity (500 ppm available chlorine). Fill to capacity and allow to stand for at least 4 hours. Drain and flush with potable water and return to surface.

NEW FILTER SAND: – Apply 80 oz. of this product for each 150 to 200 cubic feet of sand. The action of the product dissolving as the water passes through the bed will aid in sanitizing the new sand.

NEW WELLS: – Flush the casing with 50 ppm available chlorine solution of water containing 5 oz. of this product for each 100 gallons of water. The solution should be pumped by gravity into the well after thorough mixing with agitation. The well should stand for several hours or overnight under chlorination. It may then be pumped until representative raw water sample is obtained. Bacterial examination of the water will indicate whether further treatment is necessary.

EXISTING EQUIPMENT – Remove equipment from service, thoroughly clean surfaces of all physical soil. Sanitize by placing 21 oz. of this product for each 5 cubic feet capacity (approximately 500 ppm available chlorine). Fill to working capacity and let stand at least 4 hours. Drain and place in service. If the previous treatment is not practical, surfaces may be sprayed with a solution containing 5 oz. of this product for each 5 gallons of water (approximately 1000 ppm available chlorine). After drying, flush with water and return to service.

### STORAGE AND DISPOSAL

Store this product in a cool dry area away from direct sunlight and heat to avoid contamination. In case of spill, flood areas with large quantities of water. Product or rinseate that cannot be used should be diluted with water before disposal in a sanitary sewer. Do not reuse container but place in trash collection. Do not contaminate food or feed by storage or disposal.

### NOTIFICATION

Date Reviewed: 7/28/2010  
Reviewed By: J. Hummel

HMIS/NPCA RATING Health 3 Flammability 0 Reactivity 2	Product Weight 10.4 lbs/gal. 1.25 kg/L NET CONTENTS MARKED ON CONTAINER
	EPA Reg. No. 1448-20001 EPA Est. No. 1448-TN-01

Manufactured by:

## Buckman Laboratories, Inc.

1256 N. McLean Blvd., Memphis, Tennessee 38108, U.S.A.  
(901) 278-0330 or 1-800-282-5626

Rev. 6/30/10