

1448-70

3/18/2004

Page 1 of 4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAR 18 2004

Buckman Laboratories, Inc.  
1256 N. McLean Blvd.  
Memphis, TN 38108-1241

Attention: Jody L. Stobbe  
Senior Regulatory Specialist

Subject: BUSAN 85  
EPA Registration No. 1448-70  
Amendment Dated March 5, 2004

This will acknowledge receipt of your notification to add the statement, "Not registered for this use in California" to the Industrial Water Purification Systems use pattern, submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

The Notification dated March 6, 2004 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							



284



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number

### Application for Pesticide - Section I

1. Company/Product Number 1448-70	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 85	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.)

Addition of "Not registered for this use in California." to the Industrial Water Purification Systems use pattern. 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

### 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 <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must submitted		If "Yes" Unit Packaging wgt.      No. per container If "Yes" Package wgt              No. per container			
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 Jody L. Stobbe	Title Senior Regulatory Specialist	Telephone No. (Include Area Code) 901-272-8550
<b>Certification</b> 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 Senior Regulatory Specialist	
4. Typed Name Jody L. Stobbe	5. Date March 5, 2004	

3 8 4

**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](mailto:knetix@buckman.com)

Via Federal Express

March 5, 2004

Marshall Swindell, PM 33  
Regulatory Management Branch I  
US Environmental Protection Agency  
Antimicrobials Division, 7510C  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Hwy  
Arlington, VA 22202

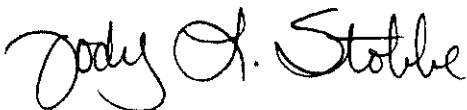
Re: Label Notification per PR Notice 98-10  
BUSAN 85, EPA Registration Number: 1448-70

Dear Mr. Swindell,

Please find enclosed a label Notification per PR Notice 98-10 to add the statement, "Not registered for this use in California." to the Industrial Water Purification Systems use pattern. Please also note the product name has been moved to the front panel, as filed under a separate amendment application dated January 22, 2004.

I trust that you will find this information satisfactory. If you have any questions or require any additional information pertaining to this action, please contact me at (901) 272-8550 or [jlstobbe@buckman.com](mailto:jlstobbe@buckman.com).

Sincerely,  
BUCKMAN LABORATORIES INTERNATIONAL, INC.



Jody L. Stobbe  
Senior Regulatory Specialist



<b>ACTIVE INGREDIENT(S)</b>	
Potassium dimethyldithiocarbamate.....	50.0%
<b>INERT INGREDIENTS</b> .....	50.0%
<b>TOTAL</b> .....	100.0%

**KEEP OUT OF REACH OF CHILDREN  
DANGER**

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.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate gastric lavage.	

### Precautionary Statements

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet.

**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 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.

### Directions for Use

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

**COOLING WATER SYSTEMS:** BUSAN 85 is used to inhibit the growth of microorganisms in industrial, commercial and institutional cooling water systems. In noticeably fouled systems, BUSAN 85 should be added daily at a rate of 2.0 to 3.0 fl. oz. of BUSAN 85 per 1000 gallons of system water (20-30 ppm) until control is evident. Subsequent additions of BUSAN 85 should be made to the system as needed at a rate of 1.0 to 3.0 fl. oz. of BUSAN 85 per 1000 gallons of system water (10-30 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

**INDUSTRIAL AIR WASHER SYSTEMS:** BUSAN 85 is used to inhibit the growth of microorganisms in industrial air washer systems. In noticeably fouled systems, BUSAN 85 should be added at a rate of 4.7 to 6.0 fl. oz. of BUSAN 85 per 1000 gallons of water (47-60 ppm) until control is evident. Subsequent additions of BUSAN 85 should be made to the system as needed at a rate of 3.5 to 6.0 fl. oz. of BUSAN 85 per 1000 gallons of water (35-60 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

**PETROLEUM SECONDARY RECOVERY WATERFLOODING OPERATIONS:** BUSAN 85 is used to control sulfate-reducing bacteria in petroleum secondary recovery waterflooding operations at dosages of 0.83 to 1.66 fl. oz. of BUSAN 85 per 1000 gallons of water treated. Technical assistance in applying BUSAN 85 to a particular secondary recovery system is available upon request when a description of the problem is provided.

**PULP AND PAPER MANUFACTURING:** BUSAN 85 is used to control bacterial and fungal slime in pulp and paper mill systems. Recommended treatment rates are 0.25 to 1.00 lb. of BUSAN 85 per ton of pulp or paper produced for periods of 2-6 hours out of each 8, each 12, or each 24 hours. Required concentrations and frequency of treatment will depend on the rate of slime accretion. BUSAN 85 is added to the white water or stock going to the fan pump, and, if necessary, to fresh water, slush pulp, broke, or other machine furnish components. To inhibit the growth of bacteria and fungi in papermaking additives (including alum solutions, animal glue solutions, pigment slimes, coating formulations, and starch slurries and solutions) BUSAN 85 is added to these materials in concentrations of 50 to 400 ppm (weight/weight).

**PAINTS, COATINGS AND CUTTING FLUIDS:** BUSAN 85 is also used to inhibit the growth of bacteria and fungi in water-thinned paints or coatings, emulsion resins, caulking-sealants, adhesives, and cutting fluids. For these applications, BUSAN 85 is incorporated into the material to be protected at concentrations of 0.03 to 0.20% based on total wet weight of the material.

**DRILLING MUDS, COMPLETION FLUIDS:** BUSAN 85 is used to inhibit the growth of fungi and bacteria in water-based drilling muds, completion fluids, packer fluids, and other water-based drilling fluids containing starch, gums, sugars, or other organic materials. For these purposes BUSAN 85 is added at rates of 2.5 to 4.2 gallons per 100 barrels of fluid (0.06-0.10% by volume).

**WASTEWATER TREATMENT SYSTEMS:** BUSAN 85 may be used to control anaerobic bacteria, filamentous bacteria that cause bulking problems and other troublesome microorganisms in wastewater treatment systems and effluent. The quantity of BUSAN 85 required for control will vary with the severity of the problem. BUSAN 85 should be dosed to the system at the rate of 0.5 to 3.0 fl. oz. per 1000 gallons of wastewater (5-30 ppm) to various locations in the system to allow for mixing, every one to five days as needed for control; or fed continuously at the rate of 0.1 to 1.0 fl. oz. per 1000 gallons of wastewater flow (1-10 ppm) ahead of the problem area.

**INDUSTRIAL WATER PURIFICATION SYSTEMS:** BUSAN 85 is used to control microbiological fouling in industrial water purification systems including reverse osmosis systems, filters, clarifiers, and ion exchange equipment. For off-line treatment, BUSAN 85 should be fed at a concentration of 5.0 to 10.0 fl. oz. of BUSAN 85 to 1000 gallons of water (40-100 ppm) for 4 to 8 hours. For on-line maintenance treatment, dosing 1.0 to 2.0 fl. oz. per 1000 gallons of water (10-20 ppm) for 6 to 12 hours should be made once a week or as needed to maintain control. Not intended for use in potable water systems. ~~Not registered for use in California.~~