

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

1448-55

10/02/2003

1/3

OCT 02 2003

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

Attention: Jody L. Stobbe

Subject: BUSAN 30  
EPA Registration No. 1448-55  
Amendment Dated September 9, 2003

This will acknowledge receipt of your notification to add the following alternate brand name, submitted under the provisions of FIFRA Section 3(c)9. Based on a review of the submitted material, the following comments apply.

Alternate Brand Name

"BUSAN 1280"

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your files.

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							

Please 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 1448-55	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) BUSAN 30	PM# 33	
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.)

Notification of Alternate Trade Name: BUSAN 1280

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	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) _____
* Certification must submitted		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 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 September 9, 2003	

# BUSAN® 1280

KEEP OUT OF REACH OF CHILDREN  
**DANGER**

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER:** Causes irreversible eye damage. Causes skin irritation. This product may cause allergic skin reactions. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID	
If Inhaled	<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>
If on Skin or Clothing	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for at least 15 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If In Eyes	<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>
If Swallowed	<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 a poison control center or doctor.</li><li>• Have the product container or label with you when calling a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</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 1-800-282-5626 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> Probable mucosal damage may contraindicate the use of gastric lavage.	

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless in accordance with 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 sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS:** Do not use or store near heat or open flame.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Do not expose to extreme temperatures. If applicable, do not stack more than five drums high. Drums should be opened in well-ventilated areas. 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:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinseate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at your EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

### DIRECTIONS FOR USE

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

Technical assistance in applying Busan 1280 for microorganism control as described in the following is available upon request when a description of the problem is provided.

**LEATHER:** Busan 1280 is recommended for the prevention of mold, bacteria and fungi in the storage, transport and processing of wet leather stock such as pickled, vegetable-, chrome-, alternative metal or metal free tanned hides and skins. Dosage rates of 0.025–0.2% (250–2,000 ppm) of Busan 1280 can be used on the whole lime stock weight basis to prevent microbial growth on processed hides and skins. The dosage level used will depend on storage conditions and the length of protection required. A satisfactory dilution of 1 part Busan 1280 plus 5 parts water can be prepared by adding the Busan 1280 to water (as opposed to adding water to Busan 1280) with agitation. The diluted product can then be added to the pickling liquor, or to the tanning liquor at the start of the tanning process or to the rinse water in a post tanning refloat. The product can also be applied during the fatliquoring process to prevent fungal growth at 0.025–0.2% (250–2,000 ppm) based on the split and shaved weight of leather being processed. Busan 1280 can be used at the dosage rates suggested above in the processing of U.S. military specification shoe upper leathers. For preservation of leather finishing pastes and fatliquors, Busan 1280 can be added at a dosage rate of 0.1–0.25% (1000–2500 ppm) based on the weight of the treated paste or fatliquor and mixed thoroughly to ensure adequate dispersion.

**PULP MILLS:** To protect wood chips from fungal degradation during storage, Busan 1280 is used at 0.5 to 2 lb/ton of over-dry wood. It can be applied through a water shower or spray located in the pneumatic conveyor carrying chips from the chipper to the storage pile. For preservation of wet lap or sheet pulp, Busan 1280 is used at 0.5 to 4 lb/ton of over-dry fiber. It is applied to the surfaces of the dewatered pulp by means of sprays or applicator rolls.

**PAPER MILLS:** To control bacterial and fungal growth on paper and paperboard machines, Busan 1280 is added to the white water or stock at 0.1 to 0.5 lb/ton of dry paper or paperboard produced. To make mold-resistant paper or paperboard, Busan 1280 is used at 0.05 to 0.1 lb/1000 sq ft (0.15 to 0.3 lb/3000 sq ft) of surface. For coated paper or board, Busan 1280 is incorporated in the coating mix prior to application of the coating. For uncoated paper or board, Busan 1280 is dispersed in water, surface-sizing solution, or other solvent and applied to the surface to be protected by means of an applicator roll. For the preservation of agricultural mulch paper, Busan 1280 is used at 1.5 to 5 lb/ton air-dry paper. It is applied to the surfaces of the mulch paper by tub-sizing methods or by means of applicator rolls before the paper is coated.

**PARTICLE BOARD:** Busan 1280 is employed as a preservative for particle board, insulation board, and other wood-base fiber and particle panel materials. In this use, Busan 1280 is mixed with the resin or binding agent at 0.1 to 1% based on the dry weight of the wood.

**SAPSTAIN CONTROL:** Busan 1280 is used to control sapstain and mold on freshly cut softwood and hardwood lumber, logs, poles, posts, and timbers. It is applied by dipping, or pressure impregnation of the wood with a dispersion containing 0.5 to 8 gal of Busan 1280 per 100 gal of water. Treatment should be made within 24 hr of cutting or sawing, particularly in warm weather, and treated wood should not be exposed to heavy rains soon after treatment. **COOLING TOWERS:** Busan 1280 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 0.5 to 0.7% Busan 1280 in water onto the clean wood surfaces. The amount applied should provide 0.6 to 0.8 lb Busan 1280 per 1000 sq ft of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of Busan 1280 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 1.25 lb of Busan 1280 per 1000 gal of water and the bleedoff should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every four months.

**COOLING WATER:** Busan 1280 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 0.6 to 3.7 fl oz Busan 1280 per 1000 gal water in the system. Subsequent additions of 0.2 to 1.2 fl oz per 1000 gal should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

**ACTIVE INGREDIENT:**  
2-(Thiocyanomethylthio)benzothiazole

**INERT INGREDIENTS:**

Total

**COATINGS, CAULKING, SEALANTS & WALLCO**

adequate dispersion of the biocide is required. Busan 1280 is used in a variety of formulations. Busan 1280 can be dissolved in aromatic solvents and added in the wet down or added to the pigment slurry or simply added to the wet down.

**DRILLING FLUIDS:** To inhibit bacterial and fungal growth in drilling of wells, Busan 1280 is incorporated in the drilling fluid based on the total wet weight of the fluid.

**PETROLEUM SECONDARY RECOVERY:** Busan 1280 is used to control slime-forming bacteria and fungi in oil-field water, pot water and other oil-field water systems at dosage rates of 0.1 to 1 lb/1000 gal of water treated. Additions should be made continuously at the free water knockouts, before or after injection. **Feed Method:** When system is noticeably fouled, add Busan 1280 continuously until desired degree of control is achieved. **Method:** When system is noticeably fouled, or to maintain control, add 1000 gal of water for 4 to 8 hr per day and 1 to 4 times per week.

**CUTTING FLUIDS:** Busan 1280 is used to inhibit bacterial and water-soluble or emulsifiable cutting fluids and should be added to the diluted cutting fluid at a rate of 0.5 to 2 lb/1000 gal (weight/weight) after final dilution with water. For this application, it is recommended that the fluid be prepared to provide a concentration of 1000 to 1250 ppm.

**TEXTILES:** For directions on the use of Busan 1280 on textiles, refer to the bulletin "Busan 1280 for the Preservation of Textiles".

**WASTE WATER TREATMENT SYSTEMS:** When and fungal slime in waste water systems and effluents are present, Busan 1280 should be added at a dosage rate of 0.5 to 1 lb/1000 gal (weight/weight) of the waste-water. The system including the influent to the clarifier and/or the

<b>HMSI/NPCA RATING</b>		
Health 3	Flammability 2	Reactivity 1
EPA		

Manufactured by  
**Buckman Lab**  
1256 N. McLean Blvd., Memphis, TN 38117  
(901) 278-0330 or