

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

DEC 18 2007

United States
Environmental Protection
AgencyOffice of Pesticide Programs

Buckman Laboratories, Inc.
256 N. McLean Blvd.
Memphis, TN 38108

Attention: Kristin M. Miller

Subject: BUSAN 1078
EPA Registration No. 1448-348
Notification Dated November 16, 2007

This will acknowledge receipt of your notification to add the statement "Not registered for this use in California" under the "Reverse Osmosis Systems" heading on the product label, 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 November 16, 2007 is in compliance with PR Notice 98-10 and is acceptable. This information has been added to your files.

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 "M Swindell".

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

#33

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Buckman LABORATORIES

BUCKMAN LABORATORIES INTERNATIONAL, INC.

1256 NORTH McLEAN BLVD.
MEMPHIS, TN 38108-1241 U.S.A.
TELEPHONE (901) 278-0330
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e-mail: knetix@buckman.com

via Federal Express
November 16, 2007

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

Re: Label Notification: BUSAN 1078
EPA Registration Number: 1448-348

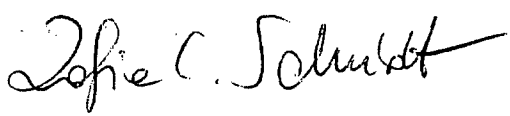
Dear Mr. Swindell:

Buckman Laboratories submits this label amendment for BUSAN 1078 (EPA Reg. # 1448-348) to add the statement "**Not registered for this use in California**" following uses paragraphs for: "**Reverse Osmosis Systems**", "**Conveyor Lubricants**" and "**Fuel Preservation**". No other changes were made to our label. Five (5) copies of the label are enclosed for your review.

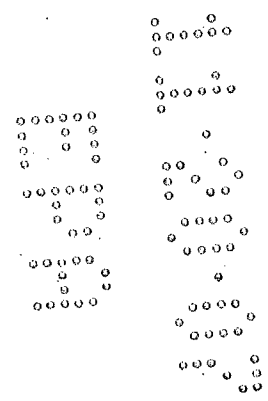
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of these products. I understand that it is a violation of 18 USC. §1001 to will fully make any false 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 pertaining to this action, please contact me at (901) 272-8580 or zcschmidt@buckman.com.

Sincerely,
BUCKMAN LABORATORIES INTERNATIONAL, INC.



Zofia C. Schmidt
Regulatory Affairs Specialist





BUSAN® 1078

ACTIVE INGREDIENT(S):

2-Chloro-2-methyl-4-isothiazolin-3-one	1.11%
5-Methyl-4-isothiazolin-3-one	0.39%
INERT INGREDIENTS:	98.50%
TOTAL	100.00%

**KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO**

FIRST AID	
If in Eyes	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
If Inhaled	<ul style="list-style-type: none"> 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 the use of gastric lavage.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage and skin burns. May cause allergic skin reaction. Harmful if inhaled. Harmful if swallowed. Do not get in eyes, on skin, on clothing. Mixers, loaders and others exposed to this product must wear: long-sleeved shirt and long pants; chemical resistant gloves such as nitrile or butyl rubber; shoes plus socks; goggles and face shield; and chemical resistant apron. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly. This product may cause skin sensitization reactions in some people.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes streams, ponds, estuaries, oceans, or public 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 waste. Apply this pesticide only as specified on the label.

DIRECTIONS FOR USE

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

PAPER MILLS: Busan 1078 is recommended for the control of bacteria and fungal slime in the production of paper. **POINT OF ADDITION:** Busan 1078 should be added to a point in the system to ensure uniform mixing such as the Beater, Hydropulper of Fan and Broke Storage Pumps. **DOSAGE:** Apply 0.44 to 1.5 lbs.

(7 to 23 fluid ounces) of Busan 1078 per ton (dry basis) of pulp and paper produced as a slug dose. If needed, repeat daily. Badly fouled systems should be cleaned before initial treatment.

PAPER COATING PRESERVATION: Busan 1078 is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper coatings. Add 0.43–1.65 lbs of Busan 1078 (195–750 g) to each 1,000 lbs (454 kg.) of fluid to provide 425 to 1,675 ppm (6.25 to 25 ppm active isothiazolones).

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS: For the control of bacteria, algae and fungi, add Busan 1078 microbicide to the tower basin, distribution box, or some other point to ensure uniform mixing. **Initial Dose:** When the system is noticeably fouled, apply 148 to 883 ppm Busan 1078 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Busan 1078 per 1,000 gallons of water in the system). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 35 to 219 ppm Busan 1078 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Busan 1078 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

AIR WASH SYSTEMS: Add to the air washer sump or chill water sump, to ensure uniform mixing. Add 35 to 883 ppm Busan 1078 microbicide (0.3 to 7.46 pounds or 4.5 to 113 fluid ounces of Busan 1078 per 1,000 gallons of water in the system) depending upon the severity of contamination to control bacteria, fungi, and algae which cause fouling in industrial air washer systems. **Intermittent or Slug Method—Initial Dose:** When the system is noticeably fouled, apply 148 to 883 ppm Busan 1078 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Busan 1078 per 1,000 gallons of water in the system). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 35 to 219 ppm Busan 1078 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Busan 1078 per 1,000 gallons of water) weekly or as needed to maintain control. **Continuous Feed Method—Initial Dose:** When the system is just noticeably fouled, apply 148 to 883 ppm Busan 1078 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Busan 1078 per 1,000 gallons of water in the system). **Subsequent Dose:** Maintain this treatment level by adding a continuous feed of 35 to 219 ppm Busan 1078 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Busan 1078 per 1,000 gallons of make-up water). Badly fouled systems must be cleaned before initial treatment. **NOTE:** For use only in industrial air washing systems that maintain effective mist eliminating components.

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS: For the control of bacteria, algae, and fungi, add Busan 1078 microbicide to the reservoir, recirculating line, or some other point in the system to ensure uniform mixing. **Initial Dose:** When the system is noticeably fouled, apply 148 to 883 ppm Busan 1078 microbicide (1.26 to 7.46 pounds or 19 to 113 fluid ounces of Busan 1078 per 1,000 gallons of water in the system). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 35 to 219 ppm Busan 1078 microbicide (0.3 to 1.86 pounds or 4.5 to 28 fluid ounces of Busan 1078 per 1,000 gallons of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

POLYMER LATEX PRESERVATION: Busan 1078 microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of synthetic and natural polymer latices including; styrene/butadiene; carboxylated styrene/butadiene; ethylene/vinyl acetate, and biopolymers intended for industrial use, such as xanthum gum, gum arabic, guar gum, protein-derived polymers, starches, and casein-derived polymer. Add 0.43–3.3 lbs. of Busan 1078 1.5% microbicide (195 g–1.5 kg) to each 1,000 lbs. (454 kg) of emulsion to provide 425 to 3,350 ppm product (6.25 to 50 ppm active isothiazolones). **NOTE:** To ensure uniform mixing, add Busan 1078 microbicide to latex or solutions slowly with agitation. The actual concentrations required will depend upon such factors as the specific substance to be treated, frequency of repeated microbial contamination expected, and level of protection required.

ADHESIVE AND TACKIFIER PRESERVATION: Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-soluble and water-dispersed adhesives such as animal glues, vegetable glues, natural rubber latices, polyvinyl acetate, styrene-butadiene, and acrylic latices. Busan 1078 microbicide is recommended as a preservative for tackifiers derived from resin and hydrocarbon resins. Add 0.43–1.65 lbs of Busan 1078 1.5% microbicide (195–750 g) to each 1,000 lbs (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

PAINT AND COATINGS PRESERVATION: Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in water-based coatings such as paper and wood coatings and paints used for architectural product finishes, and special purpose coatings. Add 0.43–1.65 lbs. of Busan 1078 microbicide (195–750 g) to each 1,000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

BUILDING MATERIAL PRESERVATION: Busan 1078 microbicide is recommended as an in-container preservative for the control of bacteria and fungi in building material such as mastics, caulks, joint cement, spackling, and grouting. Add 0.43–1.65 lbs. of Busan 1078 microbicide (195–750 g) to each 1,000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

DISPERSED PIGMENT PRESERVATION: Busan 1078 microbicide is recommended for the control of bacteria and fungi in the manufacture and storage of dispersed pigments such as kaolin clay, montmorillonite clay, titanium dioxide, calcium carbonate, calcium sulfate, barium sulfate, magnesium silicate, and kieselguhr used in paint and paper production. Add 0.43–1.65 lbs. of Busan 1078 microbicide (195–750 g) to each 1,000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active isothiazolones).

REVERSE OSMOSIS SYSTEMS: Busan 1078 may be used to control microbiological fouling in reverse osmosis systems used for process water and other non-potable applications. Busan 1078 should be fed to the membrane feedwater at a rate of 20–120 ppm (2.75–16.5 fluid ounces per 1,000 gallons of water). The product should be added continuously for a time period of 1–24 hours, 1–7 days each week depending on the severity of the problem. For off-line cleaning, Busan 1078 should be added to provide a level of 100–400 ppm (13.75–55 fluid ounces per 1,000 gallons) in the soak solution. **Not registered for this use in California.**

COMMERCIAL PHOTOPROCESSING SYSTEMS

prevent slime formation or accumulation in photoprocessing systems. For the maintenance of 2.1 lbs.–4.2 lbs.) per 1,000 gallons water to be followed by subsequent increase in frequency of treatment may be required. **makeup fluid**, the nature and severity of contamination. The preservative should be added to the system design, etc. The preservative should be added to the system design, etc. The preservative should be added to the system design, etc.

CONVEYOR LUBRICANTS: Busan 1078 can be added to conveyor lubricants. Busan 1078 can either be added to the feed line using a chemical metering pump or a level that will ensure a final use dilution of 200 to 1. The lubricant dilution feed line, an initial metering pump, and 26–126 fluid ounces per 1,000 gallons should be added to the feed line. **Not registered for this use in California.**

FUEL PRESERVATION: Busan 1078 is recommended for the control of liquid hydrocarbon fuels and oils: crude oil, residual fuel oils, coal slurries, liquified petroleum gas, and kerosene. **Addition:** Busan 1078 should be directly dispersed in a manner to ensure uniform distribution of the feed methods are recommended. Curative Dose: Busan 1078 per 10,000 gallons of fluid in the system and 1.5–3.0 ppm active ingredient. Repeat use: Busan 1078 per 10,000 gallons of fluid is recommended for contaminated systems should be physically cleaned. **Not registered for this use in California.**

FOR USE IN AVIATION FUEL, THE FEDERAL GOVERNMENT HAS ADOPTED THE ACCEPTABILITY OF THE ADDITIVE. **Not registered for this use in California.**

STORAGE
Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** This product is corrosive and contains.

PESTICIDE DISPOSAL
Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the user, they should be transferred to a Pesticide or Environmental Control Agency, or to a Regional Office for guidance.

CONTAINER DISPOSAL
METAL CONTAINERS: Triple rinse (or equivalent) and dispose of in a sanitary landfill or by other procedure. **PLASTIC CONTAINERS:** Triple rinse (or equivalent) and dispose of in a sanitary landfill, or by incineration, if burned, stay out of smoke.

GENERAL: CONSULT FEDERAL, STATE, OR LOCAL AGENCIES FOR ALTERNATIVE PROCEDURES. **GENERAL PRECAUTIONS AND RESTRICTIONS:** Do not apply this product in a way that will contaminate water, food, or feed.

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Buckman I
1256 N. McLean Blvd., M
(901) 278-03
EPA Est. No. 1448-TN-
Product Weight
NET CONTENTS
HMIS
Health 3 Flam