
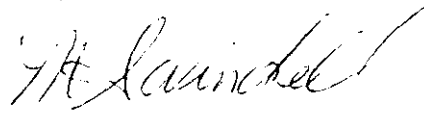


1448-348

10/04/2000

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7504C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p> <p>Under FIFRA, as amended:</p>	<p>EPA Reg. Number: 1448-348</p>	<p>Date of Issuance: OCT 04 2000</p>
	<p>Term of Issuance: Conditional</p>	
	<p>Name of Pesticide Product: BUSAN 1078</p>	
<p>Name and Address of Registrant (Include ZIP Code): Buckman Laboratories, Inc. 1256 N. McLean Blvd. Memphis, TN 38108</p>		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Document for Methylisothiazolinone, EPA has reregistered the above named product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>2. Make the following labeling changes before you release the product for shipment:</p> <ol style="list-style-type: none"> Revise the EPA Registration Number to read, "EPA Reg. No. 1448-348". Place the appropriate EPA Establishment No. on the product labeling. 		
<p>Signature of Approving Official: Marshall Swindell, Product Manager 33, RMBI, AD</p> 	<p>Date: OCT 04 2000</p>	

- c. The word, PELIGRO, should be added to the product labeling, following the signal word.
- d. Change the subheading, Statement of Practical Treatment to First Aid.
- e. Revise the First Aid statements to read as follows:

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.

Call a poison control center or doctor for treatment advice.

IF ON SKIN OF CLOTHING:

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 a poison control center or doctor immediately for treatment advice

Have a person sip a glass of water if able to swallow

Do not induce vomiting unless told to do so by poison control center or doctor

For additional information in case of emergency call toll free (Telephone Number).

Have the product container or label with you when calling a poison control center or doctor for treatment advice.

IF INHALED: Move person to fresh air.

If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

Call a poison control center or doctor for further treatment advice.

- k. Place the Storage and Disposal section directly below the misuse statement to read as follows:

Storage and Disposal: Do not contaminate **water**, food or feed by storage and disposal.

Pesticide Storage

This product is corrosive to mild steel. Do not store or transport in unlined metal containers.

Pesticide Disposal

Pesticide wastes are acute hazardous.....at the nearest EPA Regional Office for guidance

Container Disposal

Metal Containers

Triple rinse(or equivalent). Then offer....

Plastic Containers

Triple rinse(or equivalent). Then offer...

- l. Add the subheading, General Precautions and Restrictions to the product labeling, directly below the Storage and Disposal section to read as follows:

Do not apply this product in a way that will contact workers or other persons.

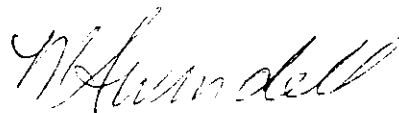
- 3. Submit two copies of the revised final printed label for the record.

The Confidential Statement of Formula dated October 30, 1990, is acceptable.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,



Marshall Swindell
 Product Manager 33
 Regulatory Management Branch I
 Antimicrobial Division(7505C)

BUSAN 1078

BUSAN is a registered trademark.

KEEP OUT OF REACH OF CHILDREN
DANGER

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.

STATEMENT OF PRACTICAL TREATMENT:

If Swallowed: Do not induce vomiting. Drink promptly a large quantity of egg whites, gelatin solution, or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately. Never give anything by mouth to an unconscious person. **If Inhaled:** Remove immediately to fresh air. If not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Call a physician. **If on Skin:** Wash thoroughly with soap and water. Remove and wash contaminated clothing before re-use.

If in Eyes: Flush with plenty of water for 15 minutes. Call a physician. **NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS: This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. 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 waste. Apply this pesticide only as specified on the label.

STORAGE AND DISPOSAL

PROHIBITIONS: This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide waste are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal law. If these waste cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: METAL CONTAINERS: 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. **PLASTIC CONTAINERS:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GENERAL

CONSULT FEDERAL, STATE, OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

DIRECTIONS FOR USE

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

PAPERMILLS: 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 insure 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 insure 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 WASHER SYSTEMS: Add to the air washer sump or chill water sump, to insure uniform mixing, 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 makeup 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 insure 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 polymers. 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 insure 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 1000 lbs. (454 kg) of fluid to provide 425 to 1,675 ppm product (6.25 to 25 ppm active

ACTIVE
5-Chloro
2-Methyl
INERT

isothiazolones). **BUILDING MATERIAL PRESERVATION:** BUILDING MATERIAL PRESERVATIVE: Busan 1078 is recommended 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). **DISPERSED PRESERVATION:** Busan 1078 is recommended 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). **REVERSE OSMOSIS SYSTEMS:** For the control of bacteria and fungi in reverse osmosis systems used for water purification, add Busan 1078 microbicide to the feed water (before it should be fed to the membrane feed tank). The product should be added to provide a level of 100 - 150 ppm (6.25 to 12.5 ppm active). **CONVEYOR LUBRICANTS:** Busan 1078 is recommended for the control of bacteria and fungi in conveyor lubricants. Busan 1078 should be added to the lubricant dilution feed line. Busan 1078 should be added at a level of 100 - 150 ppm (6.25 to 12.5 ppm active). When fed to the dilution feed line, Busan 1078 should be added at a level of 100 - 150 ppm (6.25 to 12.5 ppm active). A subsequent maintenance dose of 35 to 219 ppm (6.25 to 12.5 ppm active) should be added to maintain a 3-15 ppm (6.25 to 12.5 ppm active) level. **LIQUID HYDROCARBON FUELS AND OILS:** Busan 1078 is recommended for the control of bacteria and fungi in liquid hydrocarbon fuels and oils; coal slurries, liquefied natural gas, and other fuels. Addition: Busan 1078 should be added to the fuel in a manner to ensure uniform mixing. Continuous feed methods are recommended. Add 1-2 gallons Busan 1078 per 10,000 gallons of fuel to maintain a 100 - 150 ppm (6.25 to 12.5 ppm active) level. **EXTREME CONTAMINATION:** Grossly contaminated systems should be cleaned before treatment is begun. Maintenance Dose: When the system is noticeably fouled, add 148 to 883 ppm (1.26 to 7.46 pounds or 19 to 113 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. **FOR USE IN AVIATION:** Busan 1078 is recommended for the control of bacteria and fungi in aircraft fuel systems. BE CONSULTED AS TO THE APPROPRIATE CONCENTRATIONS FOR USE IN AVIATION ENGINES AND/OR AIRCRAFT.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 04 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

1448-348