

PM 31 1448-348 10/80

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. May be fatal if swallowed or absorbed through skin. Do not get in eyes, on skin, on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing vapor or mist. Avoid contamination of food. Do not take internally. Wash thoroughly with soap and water after handling.

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 pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. 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 rinseate 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.

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 insure uniform mixing such as the Baster, Hydropulper or Fan and Brake 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 (453 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 latexes including: styrene-butadiene; carboxylated styrene-butadiene; diethylene glycol acetate, and biopolymers intended for industrial use, such as paraffin gum, gum arabic, guar gum, protein-derived polymers, starches, and casein-derived polymers.

Add 0.43-1.3 lbs. of Busan 1078 1.5% microbicide (195 g - 1.5 kg) to each 1,000 lbs. (454 kg) of emulsion

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