



with COMMENTS
EPA Letter Docket
AUG 11 1983

BUSAN[®] 1002

INDUSTRIAL
MICROBICIDE

ACTIVE INGREDIENT 2-Hydroxypropyl methylsulfonate	25.0%
INERT INGREDIENTS	75.0%
TOTAL	100.0%

This product contains 2.2 lb. active ingredient per gallon.
EPA REG. NO. 1448-76

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

If product gets in eyes, flush with plenty of water for at least 15 minutes. Call a physician. In case of skin contact, wash thoroughly with soap and water. Remove and wash contaminated clothing before reuse. If product is swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or, if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage. Measures against circulatory shock, respiratory depression, and convulsion may be needed.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes eye damage. Causes severe skin irritation. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling this product. Remove and wash contaminated clothing. Do not take internally.

ENVIRONMENTAL HAZARDS

Do not discharge into lakes, streams, ponds, or public waters unless in accordance with an NPDES permit. For guidance contact your 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.

Busan 1002 is used to control bacterial slime in pulp and paper mills. For this purpose, it should be added to the white water or stock at the rate of 1.6 to 16 ppm of Busan 1002, based on the total weight of fiber and water at maximum dilution, for treatment periods of 4 to 6 hours. When conditions favor very rapid bacterial slime growth, the Busan 1002 treatment should be repeated every 8 hours or every 12 hours, depending on the severity of the slime problem. Under average conditions of slime growth, the Busan 1002 treatment can be made once every 24 hours.

Busan 1002 is used to inhibit the bacterial degradation of coatings, surface sizes, internal sizes, and starch solutions used in the manufacture of paper and paperboard. It is also employed to inhibit bacterial growth in the synthetic latex emulsions used to manufacture paints. For these applications as a preservative, Busan 1002 should be incorporated in the substrate to be protected at concentrations of 0.16 to 1.6% based on the total weight of the solution or emulsion.

Busan 1002 is used to control the growth of bacteria in commercial and industrial recirculating cooling water systems and industrial, nonpotable water supply systems. It should not be used in water intended for drinking or food preparation. Before treatment with Busan 1002 is begun, cooling water systems should be cleaned thoroughly to remove slime and other deposits. Then they should be drained, refilled with water, and treated with an initial slug dose of 1.0 to 4.0 fluid ounces of Busan 1002 per 1000 gallons of water in the system. Repeat until control is evident. Then treat with 0.2 to 4.0 fluid ounces per 1000 gallons of water every 1 to 5 days, or as needed. To control the growth of bacteria in industrial water supply systems, treat with 0.2 to 2.0 fluid ounces of Busan 1002 per 1000 gallons of water entering the system, continuously or as needed.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

PESTICIDE DISPOSAL: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

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

BUCKMAN LABORATORIES, INC.

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EPA ESTABLISHMENT NO. 1448 TN 1

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NET CONTENTS MARKED ON CONTAINER