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

COOLING WATER SYSTEMS: BUSAN 85 is used to inhibit the growth of microorganisms in industrial, commercial, and institutional cooling water systems. In notably fouled systems, BUSAN 85 should be added daily at a rate of 2.0 to 3.0 oz. of BUSAN 85 per 1000 gallons of system water (20-30 ppm) until control is evident. Subsequent additions of BUSAN 85 should be made to the system as needed at a rate of 1.0 to 3.0 fl. oz. of BUSAN 85 per 1000 gallons of system water (10-30 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

INDUSTRIAL AIR WASHER SYSTEMS: BUSAN 85 is used to inhibit the growth of microorganisms in industrial air washer systems. In notably fouled systems, BUSAN 85 should be added at a rate of 4.7 to 6.0 fl. oz. of BUSAN 85 per 1000 gallons of system water (47-60 ppm) until control is evident. Subsequent additions of BUSAN 85 should be made to the system as needed at a rate of 3.5 to 6.0 fl. oz. of BUSAN 85 per 1000 gallons of water (35-60 ppm) to maintain control. The frequency of treatment depends upon the severity of the microbiological problem. For best results the system should be cleaned prior to treatment.

PETROLEUM SECONDARY RECOVERY WATERFLOoding OPERATIONS: BUSAN 85 is used to control sulfide-reducing bacteria in petroleum secondary recovery waterflooding operations at dosages of 0.83 to 1.85 fl. oz. of BUSAN 85 per 1000 gallons of water treated. Technical assistance in applying BUSAN 85 to a particular secondary recovery system is available upon request when a description of the problem is provided.

PULP AND PAPER MANUFACTURING: BUSAN 85 is used to control bacterial and fungal slime in pulp and paper mill systems. Recommended treatment rates are 0.25 to 1.00 fl. oz. of BUSAN 85 per ton of pulp or paper produced for periods of 2 to 4 hours out of each 8, each 12, or each 24 hours. Required concentrations and frequency of treatment will depend on the rate of slime accrual. BUSAN 85 is added to the white water or stock going to the paper fan, and, if necessary, to fresh water, slush pulp, bore, or other machine furnish components. To inhibit the growth of bacteria and fungi in papermaking additives (including alum solutions, animal glue solutions, pigment slurries, coagulating formulations, and starch slurries and solutions) BUSAN 85 is added to these materials in concentrations of 50 to 400 ppm (weight/weight).

DRILLING MUDS, COMPLETION FLUIDS: BUSAN 85 is used to inhibit the growth of fungi and bacteria in water-based drilling fluids and other water-based completion fluids containing sugar, gums, sugars, or other organic materials. For these purposes BUSAN 85 is added at rates of 2.5 to 4.2 gal per 100 barrels of fluid (25-60% by volume).

WASTEWATER TREATMENT SYSTEMS: BUSAN 85 may be used to control anaerobic, facultative, and fermentative bacteria that cause bulking problems and other troublesome microorganisms in wastewater treatment systems and effluent. The quantity of BUSAN 85 required in wastewater treatment systems will vary with the severity of the problem. BUSAN 85 should be dosed at the system to the rate of 0.3 to 0.5 oz per 1000 gallons of wastewater treatment (5-ppm) to various locations in the system to allow for mixing; one every five days as needed for control; or fed continuously at a rate of 0.1 to 1.0 oz. per 1000 gallons of wastewater flow (1-10 ppm) above the problem area.

INDUSTRIAL WATER PURIFICATION SYSTEMS: BUSAN 85 is used to control microbiological fouling in industrial water purification systems. Treat, clarify, and, on exchange equipment. For offline treatment, BUSAN 85 should be fed at a concentration of 5.0 to 10.0 fl. oz. of BUSAN 85 per 1000 gallons of water (40-100 ppm) for 4 to 8 hours. For online maintenance treatment, dosing 1.0 to 2.0 fl. oz. per 1000 gallons of water (10-20 ppm) for 6 to 12 hours should be made once a week or as needed to maintain control. Not intended for use in potable water systems. Not registered for use in California.

DIRECTIONS FOR USE

KEEP OUT OF REACH OF CHILDREN

DANGER:

Protective gloves and under garments are mandatory. Do not stack more than four drums high. Leak- ing or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sorbent and sand or disposed of in a sanitary landfill. Keep container closed at all times.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Wear goggles or face shield and rubber gloves when handling. Wash thoroughly after handling. Wash thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not discharge effluent containing this product to aquatic systems, lakes, streams, ponds, or other waterbodies. Do not stack more than four drums high. Leakage or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sorbent and sand or disposed of in a sanitary landfill. Keep container closed at all times.

PESTICIDE STORAGE: Do not expose to excessive heat or cold. Store in a cool, dry location. Do not stack more than four drums high. Leakage or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sorbent and sand or disposed of in a sanitary landfill. Keep container closed at all times.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray equipment, or container may cause severe injury to individuals or animals. For disposal information, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste responsible representative at your EPA Regional Office for guidance.

CONTAINER DISPOSAL:

For all nonrefillable containers: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

For all refillable containers: Clean the container before refilling with pesticide. Offer for recycling, if available. Refill container with pesticide only. Do not reuse this container for any other purpose. Clean the container before disposal. The person disposing of the container is responsible for the proper disposal of the container. Before disposing of the container the person in charge is responsible for the disposal of the container. (For containers larger than 55 gallons) Contact the container supplier for disposal or reconditioning. Have the original container or label with you when you call. A Poison Control Center or doctor or health professional for emergency treatment information.

NOTE TO PHYSICIAN

Probable mucous damage may contaminate the use of gastric lavage.

NOTES

Manufactured by:

Buckman Laboratories, Inc.

1256 N. McLean Blvd., Memphis, Tennessee 38118, U.S.A.

EPA Est. No. 1448-TN

EPA Reg. No. 1448-70

Product Weight

10.3 lbs/gal 1.23 kg/l

NET CONTENTS MARKED ON CONTAINER

HMIS/NPCA RATING

Health 3     Flammability 1     Reactivity 1

Revised: 12/17/13

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