SB - 40

For use as a Disinfectant, Biocidal, Fungicide, Aqueous, and Multi-Culture Control Agent, and for Control of Microbial Stresses in Recirculation Cooling Water Systems, Once-Through Cooling Water Systems, Wastewater Treatment Systems and Brewery Pasteurizers.

ACTIVE INGREDIENT:
Sodium Bromide: 40.0% INERT INGREDIENTS: 60.0%
TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If on skin or clothing:
Take off contaminated clothing.
Rinse skin immediately with plenty of water for 15-30 minutes.

If in Eyes:
Hold eye open and rinse slowly and gently with water for 15-20 minutes.

If swallowed:
Do not induce vomiting. Call a Poison Control Center or doctor immediately for treatment advice.

INHALATION:
Remove victim to fresh air. If not breathing, perform artificial respiration. If breathing is difficult, give oxygen.

IMMEDIATE DANGERS:
Able to penetrate the skin rapidly.

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 call 1-800-424-8800 for emergency medical information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes moderate eye irritation. Avoid contact with eyes, skin and clothing. Wash with soap and water after handling. Remove contaminated clothing and wash before reuse.

PHYSICAL AND CHEMICAL HAZARDS: Sodium Bromide is not flammable. However, it is flammable in its own material. Hydrogen bromide or bromine may be released. In case of fire, water should be used for extinguishing apparatus.

ENVIRONMENTAL HAZARDS: This substance is toxic to fish and aquatic organisms. Do not discharge dilute containing this product into lakes, streams, ponds, waterways, oceans or other waters unless in accordance with the requirements of a National Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing at the point of discharge. Do not discharge dilute containing this product in sewers systems without previous notification to the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIVES FOR USE

DIRECTIONS FOR USE

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

RECYCLING COOLING WATER SYSTEMS, INCLUDING AIR WASHERS AND BREWERY PASTEURIZERS. When used as an oxidant, this product effectively controls algae, bacterial, and fungal slime and controls the sediment and growth of microorganisms such as the algae (Dinobryon) or the cyanobacteria (Blue-Green algae) in commercial and industrial cooling towers, influent water systems such as flow-through filters, cooling ponds, canals, and ponds; heat exchange water systems, air washers, pasteurizers; retort steamers, and industrial water treatment systems.

DOSAGE RATES: Add this product to the system at 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:
1. 1.0 to 20.5 pounds of chlorine gas (96.9%) per gallon of sodium bromide solution, or 1.3 to 21.2 gallons sodium hypochlorite (12.5%) available chlorine solution per gallon of sodium bromide solution.
2. Initial Dosage: When the system is noticeably fouled, add 0.0003 to 0.024 gallons of this product per 1000 gallons of water contained in the system and oxidize with either chlorine gas (0.008 to 0.040 pounds of chlorine gas per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.030 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of contained water. WASTEWATER TREATMENT SYSTEMS: When used as directed, SB-40 effectively controls algae, bacterial and fungal slime and disinfects secondary and tertiary waste water systems and effluents. The quantity of SB-40 required varies with the degree of fouling. Add sufficient SB-40 and chlorine or sodium hypochlorite to achieve residual bromide levels of 0.3 ppm to 1 ppm when measured approximately 5 minutes after treatment (0.5 to 2.0 sodium bromide/oxidant mole ratio). This addition can be made at various points in the system including a contact tank preceding the effluent discharge on a secondary system or at the inlet of the final clarifier.

RECYCLING COOLING WATER SYSTEMS: When used as directed, SB-40 effectively controls fungi, algae, bacteria and slime in commercial and industrial cooling towers, air washers, heat exchangers, industrial water treatment systems, industrial process water and influent water systems. The quantity of SB-40 required varies with the degree of fouling. Add sufficient SB-40 and chlorine or sodium hypochlorite to achieve residual bromide levels 0.5 to 5.0 ppm when measured approximately 5 minutes after treatment. A 0.5 to 2 mole ratio of sodium bromide to oxidant is recommended.

FRUIT AND VEGETABLE WASH: When used in conjunction with an oxidant (Chlorine gas or NaOCl), SB-40 can be used for the wash and transport of fruits and vegetables. SB-40 and oxidant should be added at a rate not to exceed a dosage of 0.5 ppm SB-40 (0.5% SB-40 per one million gallons of water treated). Add sufficient SB-40 and chlorine or sodium hypochlorite to achieve a residual bromide level 0.5 to 2 ppm when measured approximately 3 minutes after treatment. The recommended activation mix of SB-40 and oxidant is one to one mole ratio. Chlorine gas (90.9%), 3.3 pounds, NaOCl-dose (3.3 gallons) or 15% NaOCl dose (2.0 gallons) will activate one gallon of SB-40 (40% Sodium bromide solution). SB-40 may be continuously metered to Chlorinator oxidizer water or mixed with a NaOCl solution for activation. The use of this product under pH adjustment should be administered in accordance with the manufacturer’s instructions.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Keep product in tightly closed original container when not in use. Store in a dry, well ventilated area. Product should be stored at 0°F or above.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Triple rinse the container (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate. Burn only if allowed by state and local authorities. If burned, stay out of smoke.

5720 204TH ST SW
LYNNWOOD, WA 98036
(206) 783-5344

SOLD BY: WESMAR CO. INC.