A DISINFECTANT, SANITIZER, BACTERICIDE, SPORICIDE, ALGICIDE, AND MOLLUSC CONTROL AGENT FOR TREATING RECIRCULATING COOLING WATER SYSTEMS AND ONCE-THROUGH COOLING WATER SYSTEMS. PULP AND PAPER MILLS, WASTEWATER TREATMENT SYSTEMS, AIR WASHERS AND BREWERY PASTEURIZERS, AND FRUIT AND VEGETABLE WASH.

ACTIVE INGREDIENT:
Sodium Bromide: 40%
OTHER INGREDIENTS: 60%
TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

If swallowed:
- Call a poison control center, or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or 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 in eyes:
- Hold eye open and rinse slowly with plenty of water for 15-20 minutes.
- Remove contact lenses, if worn, after the first 5 minutes, then rinse eye.
- Call 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 by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. YOU MAY ALSO CONTACT 1-800-285-3924 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.

NOTE TO PHYSICIAN
- Probable mucosal damage may contribute to the use of gastric lavage and see side panels for additional precautionary statements and first aid.

MANUFACTURED FOR:
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PCREATIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if inhaled. Harmful if absorbed through the skin. Avoid contact with eyes, skin or clothing.
Do not sniff, vise, or eat when not handling. Do not stop or handle, foods, drugs, or clothing. Keep container tight when not in use. Wash hands thoroughly and wash face after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before re-use. Do not contaminate water, food, or feed by storage and disposal.

ENVIRONMENTAL HAZARDS
This product is basic to fish and aquatic organisms. Do not contaminate water by discharging of equipment or disposal of waste. Do not discharge effluent containing this product into lakes, streams, ponds, wetlands, sewage treatment lagoon influent, or storm sewers in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit. 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 Disposal Office or the Regional Office of the EPA.

CHEMICAL AND PHYSICAL HAZARDS
Avoid contact with strong oxidizers (except when in use), acids, alkalis, and heavy metal salts.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE
Store in a cool, well-ventilated area, in well-closed original container.

PESTICIDE DISPOSAL:
- Flammable waste - Flammable waste - Flammable waste.
- Improper disposal of excess pesticide, spray residual, or mist is a violation of Federal Law. If these wastes cannot be disposed of in accordance with local or state regulations, contact the Regional Office of the EPA for guidance.

CONTAINER HANDLING:
- Non-refillable container.
- Do not reuse or refill this container. For recycling, if available. Triple rinse container (or equivalent) prior to emptying.

(For containers 5 gallons or less)
- Triple rinse container at least one (1) gallon, such as with water and rinse. Allow to drain for 20 to 30 minutes.
- Store this container in a puncture-resistant container.

(For containers over 5 gallons)
- Triple rinse container at least one (1) gallon, such as with water and rinse. Allow to drain for 20 to 30 minutes.
- Store this container in a puncture resistant container.

DIRECTIONS FOR USE
- It is a state of Federal Law to use this product in a manner consistent with the labeling.

This product is to be used in conjunction with an oxidant such as sodium hypochlorite (12.5%, chlorine gas (99.6%), isothiazol-3(2)-thiones (99.6%), isothiazol-2(3)-thiones (99.6%), or sodium dehydro-2-thioketones (99.6%) to produce hypochlorous acid. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system. This product may be added to the water supply using approved equipment such as the existing sodium hydroxide metering system.

INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS
Use effectively of aquatic species to achieve exposure to 0.5 to 0.0 parts per million (ppm) "active" residual bromine, or as required to maintain control of algae, bacteria, and fungal slime and control the settlement and growth of microorganisms such as the Zebra mussel (Dreissena) or the Asian clam (Clinocardium) in once-through and closed-cycle fresh and seawater cooling systems. Apply this product and oxidant to the system inlet fresh or seawater and any other water containing algae, bacteria, or fungi in closed-cycle systems. See also for Industrial Recirculating Cooling Water Systems.

PULP AND PAPER MILLS
Use the control of algae, bacteria, and fungal slime and control the settlement and growth of microorganisms such as the Zebra mussel (Dreissena) or the Asian clam (Clinocardium) in once-through and closed-cylc fluid fresh and seawater cooling systems. Apply this product and oxidant to the system inlet fresh or seawater and any other water containing algae, bacteria, or fungi in closed-cycle systems. See also for Industrial Recirculating Cooling Water Systems.

WASTEWATER
K-BROM 40, when used as directed, will disinfect wastewater effectively. The maximum amount of sodium bromide required is determined by the degree of fouling. This product can be added to one or several locations of the wastewater system. If the construction permits, it is often added at the influent to the first clarifier or at the point in the system where a secondary treatment is given, prior to effluent discharge. This product and an oxidant must be added in quantities sufficient to reach residual bromine levels of 0.2 - 0.8 ppm measured 15 minutes after treatment. A 0.2 - 0.8 ppm calcium must be achieved by using 3.83 to 25.14 pounds of sodium bromate (99.6%), or 0.5 to 5.0 pounds of sodium dehydro-2-thioketones (99.6%) or 10.1 to 101.4 pounds of sodium bromide (99.6%) for each gallon of K-BROM 40. The treatment with this product can be evaluated by determining whether the total number of coliform bacteria and/or fecal coliform bacteria (using the Most Probable Number procedure) has been reduced to a level permitted by governing regulations.

AIR WASHERS AND BREWERY PASTEURIZERS
- When used in conjunction with an oxidant, this product effectively controls algae, bacterial, and fungal slime and controls the settlement and growth of microorganisms such as the Zebra mussel (Dreissena) or the Asian clam (Clinocardium) in influent water systems such as fresh or filtered, cooling tower, canals, and tanks; heat exchanger water systems; air washers; pasteurizers; rotors systems; and industrial water handling systems.

DOSAGE RATES:
Add this product to the system at 0.125 to 2.0 pounds bromide/acidic salt ratio. For example:
- 1.0 lb of 35.5 pounds of chlorine gas (99.9%) per gallon of sodium bromide solution, or
- 2.0 lb of 11.7 to 21.3 pounds sodium hypochlorite (13.5% available chlorine) solution per gallon sodium bromide solution.

Initial Dose:
- When the system is noticeably turbid, add 0.003 to 0.004 gallons of product per 1000 gallons of water contained in the system and with either gas chlorine (0.003 to 0.004 pounds gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.002 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of contained water).

Subsequent Doses:
- When turbid material is evident, add 0.002 to 0.024 gallons of this product per 1000 gallons of water contained in the system and with either gas chlorine (0.004 to 0.024 pounds gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.002 to 0.032 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of water).

FRUIT AND VEGETABLE WASH
Use it in conjunction with an oxidant (Chlorine gas or NaOCl), this product can be used for the wash and transport of fruits and vegetables. This product and oxidant should be added at a ratio not to exceed a dosage of 12 ppm (1 ppm of chlorine gas solution and 11 ppm of sodium hypochlorite solution per gallon of water). For example, 3.85 gallons of this product per one million gallons of water treated. Apply sufficient amount of this product and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.05 ppm measured approximately 15 minutes after treatment. The recommended solution ratio of this product and oxidant is one to one ratio chlorine, Chlorine dioxide (99.5%) 3.3 pounds, NaClO2 solution (3.3 gallons) or NaClO2 solution (3.3 gallons). This product should be measured in Chlorine dioxide solution or with a 30% solution for use in the proportioning of the water. The use of this product and oxidant must be followed by a public water source to remove the extent possible, residues of the chemical.

WARRANTY
- Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but to the extent permitted by applicable law neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label directions or conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.