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, in fires fueled by other materials, hydrogen bromide or bromine may be released. In case of fire, wear self-contained breathing apparatus.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and 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 Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

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

STORAGE: Keep product dry in tightly closed original container when not in use. Store in a cool, dry, well ventilated area. Product should be stored at 69°F or above.

CONTAINER DISPOSAL: NON-REFILLABLE CONTAINER. Do not reuse or refill this container. For recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

USE AS A BACTERICIDE, FUNGICIDE, ALGICIDE, AND IMMERSION CORROSIVE.

FIRE AND EXPLOSION HAZARD

EXPLOSIVE.

FIRST AID:

IF IN EYES

• Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Call a poison control center or doctor for treatment advice.

IF ON SKIN

• 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 INHALED

• Remove victim to fresh air and keep at rest in a position comfortable for breathing.
• If breathing is difficult, give oxygen.
• Do not give mouth to mouth resuscitation.

IF SWALLOWED

• Call a poison control center or doctor immediately for treatment.
• 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 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.

IMMEDIATE DIRECTIONS FOR EXPOSURE

• Eyes: If exposed, rinse immediately with plenty of water. Remove contact lenses, if worn, after first rinse. Continue rinsing for at least 15 minutes.
• Skin: Remove contaminated clothing and wash skin with soap and water. If irritation occurs and persists, seek medical advice.
• Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do not give mouth to mouth resuscitation. Seek medical advice.
• Ingestion: Do not induce vomiting unless told to do so by a medical professional. Rinse mouth thoroughly. If swallowed, give 1-2 glasses of water. If vomiting occurs, give 2-3 glasses of water. If vomiting continues call a doctor.

IMMEDIATE MEDICAL MEASURES FOR ACUTE TOXICITY

• Treat symptoms. See section for specific symptoms.

TREATMENT

• For ingestion: Do not induce vomiting. If swallowed, give 1-2 glasses of water. If vomiting occurs, give 2-3 glasses of water. If vomiting continues, call a doctor.

• For skin contact: Wash skin with soap and water. If irritation occurs and persists, seek medical advice.

• For eye contact: Rinse immediately with plenty of water. If irritation occurs and persists, seek medical advice.

• For inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Do not give mouth to mouth resuscitation. Seek medical advice.

• Specific to the product: \n
DIRECTIONS FOR USE - cont'd

Initial Dose: When the system is noticeably foamy, add 0.0063 to 0.034 gallons of this product per 1000 gallons of water contained in the system and oxidize with either chlorine (0.005 to 0.040 pounds of chlorine gas per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.032 gallons of 12.6% sodium hypochlorite solution per 1000 gallons of contained water).

Subsequent Dose: When microbial control is evident, add 0.0063 to 0.034 gallons of this product per 1000 gallons of water contained in the system and oxidize with either gasoline (0.004 to 0.040 pounds of gasoline per 1000 gallons of contained water), or sodium hypochlorite solution (0.007 to 0.032 gallons of 12.6% sodium hypochlorite solution per 1000 gallons of contained water).

FRUIT AND VEGETABLE WASH: When used 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 rate not to exceed a dosage of 55 ppm of product (20.5 gallons of this product per 100 million gallons of water treated). Apply sufficient amount of this product and chlorine or sodium hypochlorite to achieve a residual bromine level of 0.5 to 1 ppm when measured approximately 5 minutes after treatment. The recommended activation mix of this product and oxidant is to one to one molar ratio. Chlorine dose (98%) 3.3 pounds, 10% NaOCl dose (2.3 gallons) or 15% NaOCl dose (2.0 gallons) will activate one gallon of this product (40% sodium bromide solution). This product may be continuously metered to Chlorinator eductor water or mixed with a NaOCl solution for activation. The use of this product under this application must be followed by a potable water rinse to remove to the extent possible, residues of the chemical.

ONCE-THROUGH COOLING WATER AND WASTE WATER TREATMENT SYSTEMS: When used in conjunction with an oxidant, this product effectively controls algal, bacterial and fungal slime and controls the settlement and growth of mollusks such as the zebra mussel (Dreissena) and the Asiatic clam (Corbicula) in once-through fresh and sea water cooling systems, cooling ponds, canals, and lagoons; and disinfects secondary and tertiary wastewater treatment systems.

DOSEAGE RATES. Add this product to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:

1) 1.6 to 26.5 pounds of chlorine gas (98.9%) per gallon of sodium bromide solution or
2) 1.3 to 21.2 gallons sodium hypochlorite (12.6% available chlorine) solution per gallon of sodium bromide solution.

Add sufficient amount of mixed product/oxidant solution to achieve a residual bromine level of 0.5 to 1 parts per million. For 0.6 parts per million add 0.0007 gallons of product and 0.0018 gallons of chlorine gas per 1,000 gallons of water treated.

NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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FORMULA 318


ACTIVE INGREDIENT: SODIUM BROMIDE 40.0% OTHER INGREDIENTS 60.0% TOTAL 100.0%

KEEP OUT OF THE REACH OF CHILDREN

CAUTION: