FORMULA 318

For use as a Bactericide, Fungicide, Algicide, and Mollusk Control Agent, and for

Keep OUT of THE REACH of CHILDREN

FIRST AID

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 and gently with water for 15-20 minutes.

• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

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

IF SWALLOWED

• Call 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.

CHEMTREC at 1-800-424-9300. You may also call the Rocky Mountain Poison Center or doctor.

• Do not induce vomiting unless told to do so by the poison control center or doctor for treatment advice.

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

• Call 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.

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 97°F or above.

PRODUCT NO. 533185

TOTAL 100.0%

DIRECTIONS FOR USE - cont’d

Initial Dose: When the system is noticeably fouled, add 0.0004 to 0.024 gallons of this product per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.008 to 0.04 pounds gas chlorine per 1000 gallons of contained water) or sodium hypochlorite solution (0.003 to 0.032 gallons of 12.5% sodium hypochlorite solution per 1000 gallons of contained water).

Subsequent Dose: When microbial control is evident, add 0.0002 to 0.024 gallons of this product per 1000 gallons of water contained in the system and oxidize with either gas chlorine (0.004 to 0.040 pounds gas chlorine per 1000 gallons of contained water), or sodium hypochlorite solution (0.003 to 0.032 gallons of 12.5% 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 (38.5 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 0.5 to 5 ppm when measured approximately 5 minutes after treatment. The recommended activation mix of this product and oxidant is a one to one molar ratio. Chlorine dose (99%) 3.3 pounds, 10% NaOCl dose (3.3 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) or the Asiatic clam (Corbicula) in once-through fresh and sea water cooling systems, cooling ponds, canals, and lagoons and secondary and tertiary wastewater treatment systems.

DOSAGE 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 (99.9% sodium bromide solution) or; 2) 1.3 to 21.2 gallons sodium hypochlorite (12.5% available chlorine) solution per gallon of sodium bromide solution.

When used in conjunction with an oxidant, this product effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems; cooling water systems, wastewater treatment systems, service water systems, white water systems, non-potable water systems, and other process water systems.

DOSAGE RATES. Add to this system at the 0.125 to 2.0 sodium bromide/oxidant mole ratio for example:

1) 1.6 to 26.5 pounds of chlorine gas (99.9% sodium bromide solution); or 2) 1.3 to 21.2 gallons sodium hypochlorite (12.5% 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 5 parts per million. For 0.5 parts per million add 0.00057 gallons of product and 0.0018 gallons of 12.5% bleach or 0.0039 pounds gas chlorine per 1,000 gallons of water (12.5% bleach would be equal to 0.00017 pounds gas chlorine per 1,000 gallons of water). NOTE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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