BioKlenz® 100 Biocide
PRECURSOR FOR CHLORINE DIOXIDE AND ACRYLIC CHLORITE SOLUTIONS FOR INDUSTRIAL USE ONLY

ACTIVE INGREDIENT:
Sodium chlorite ....................................... 29%

INSERT INGREDIENTS ................................... 71%

TOTAL ................................................. 100%

KEEP OUT OF REACH OF CHILDREN

DANGER
SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

IF IN EYES:  • Flush eyes open and keep them open with water for 15-20 minutes.  • Remove contact lenses, if present, after 5 minutes, then continue flushing eyes.
  • Call poison control center or local emergency medical facility for treatment advice.

IF ON SKIN OR CLOTHING:  • Take off contaminated clothing.  • Rinse skin immediately with plenty of water for 10-20 minutes.
  • Call poison control center or local emergency medical facility for treatment advice.

IF SWALLOWED:  • Call a poison control center or doctor immediately for treatment advice.
  • Have person sip a glass of water if able to swallow.

IF INHALED:  • Move patient to fresh air.
  • If breathing is difficult, give oxygen.  • If breathing has stopped, perform artificial respiration.
  • Call poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center, doctor, or giving first aid.

AID TO PHYSICIANS:  • Probable minor skin damage may be carboxylated by use of general lifeguards.

EPA Registration Number ........................................... 91502-7-10707

EPA Establishment Numbers:  101836-MI-01, 41934-PA-002, 53345-CN-001, 53345-CN-004

DISTRIBUTED BY:  BAKER PETROCHEMICAL CORPORATION

12645 W. Airport Blvd.  Sugar Land, TX 77478

EMERGENCY CONTACT (24 HOURS PER DAY) 800-201-3606

EMERGENCY HANDLING:  In case of contamination or decomposition, do not re-enter container. Isolate in an open, well-ventilated area. Flood with large volumes of water. Cool submerged drums inactively by water spray.

DIRECTIONS FOR USE:  It is a violation of federal law to use this product in a manner inconsistent with its labeling.

METHOD OF APPLICATION:  Use BioKlenz 100 Biocide with a Chlorine Dioxide Generator to generate an aqueous chlorine dioxide solution. Alternatively, BioKlenz 100 Biocide can be used to form stabilized sodium chloride solutions by mixing BioKlenz 100 Biocide with a Generally Recognized As Safe (GRAS) sodium salt such as sodium, potassium, hydrochloric acid, or sodium hydroxide.

Chlorine Dioxide Generators react BioKlenz 100 Biocide with either chlorine or a chlorine solution and hydrochloric acid. The generated chlorine dioxide solution can be added at a point in the system to be treated which ensures uniform mixing. Follow all instructions in the chlorine dioxide generator manual carefully. Always prepare and use chlorine dioxide solutions in a well-ventilated area.

APPLICATIONS:  POTABLE WATER AND WASTEWATER DISINFECTION:  For most municipal and other potable water systems, a chlorine dioxide residual concentration up to 2.0 ppm is sufficient to provide adequate disinfection. Typically, the target residual concentrations range from 0.25 – 0.5 ppm. Monitor the distribution system to ensure that the chlorine dioxide concentration does not exceed its maximum contaminant level (MCL) of 1 mg/L, and that chlorine dioxide does not exceed its maximum residual disinfection level (MRDL) of 0.8 mg/L. For wastewater and sewage applications, residual chlorine dioxide concentrations up to 5.0 ppm are generally adequate.

GENERAL INDUSTRIAL PROCESS WATER TREATMENT:  (OILFIELD INJECTION WATER AND RECYCLING COOLING TOWERS):  (OILFIELD INJECTION WATER – Not for Use in California). For control of microbial slime, these systems require a chlorine dioxide residual concentration ranging between 0.25 and 5.0 ppm.

ONCE THROUGH COOLING SYSTEMS:  (Not for Use in California). Control of biofouling can be effectively accomplished using BioKlenz 100 Biocide as directed in commercial and industrial once through cooling water systems. BioKlenz 100 Biocide may be fed on a continuous or slug basis depending on the degree of system fouling.

SLUG DOSE:  Add 0.01 to 0.02 lb. of chlorine dioxide per million gallons of water (0.25 to 2 ppm).

CONTINUOUS DOSE:  Add 2 to 16 lb. of chlorine dioxide per million gallons of water (0.25 to 2 ppm).

NET CONTENTS:  Bulk, Drum, or As Marked on Container

Read Product Material Safety Data Sheet (MSDS) for use. PRODUCT WARRANTY, TERMS, AMENDMENTS AND A suspension of LIABILITY OF LIABILITY ARE FOUND THEREIN. Use of Product signifies agreement with these provisions.

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