

Container

SABRECHLOR 25

Sodium Chlorite Solution

For use in **closed system** chlorine dioxide generators only to control microorganisms in general process water.

COMMERCIAL

READ THE LABEL BEFORE USING

GUARANTEE:

Sodium Chlorite.....25% (nominal)

REGISTRATION NO. 32219 PEST CONTROL PRODUCTS ACT

DANGER



POISON



CORROSIVE TO
EYES AND SKIN

Net Contents: 210 Litres

Manufactured for:
Sabre Oxidation Technologies, Inc.
2642 Marco Avenue
Odessa, TX 79762

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. DANGER - CORROSIVE TO EYES AND SKIN. Fatal or poisonous if swallowed. May be fatal if inhaled. Do not get in eyes, or on skin, or clothing. Do not inhale.

Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, a full face NIOSH approved respirator, socks and chemical resistant footwear during mixing, loading, application, clean up and repair. Wash thoroughly with soap and water after handling and before eating, drinking, smoking and using the toilet. Remove contaminated clothing and wash before reuse. DO NOT WEAR contaminated clothing.

FIRST AID

If on Skin or Clothing: with plenty of water for 15-20 minutes. Take off contaminated clothing. Rinse skin immediately. Call a poison control centre or doctor for treatment advice.

If Swallowed: Call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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 centre 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 centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

Treat symptomatically.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates and moderately toxic to waterfowl. Do not contaminate lakes, ponds, rivers, streams, estuaries or oceans by direct application, cleaning of equipment or disposal of wastes. Open dumping is prohibited. Do not discharge effluent that has been treated with chlorine dioxide generated by this product into these waters unless the effluent has been detoxified by suitable means such as waste treatment. Chemical Hazards: Sodium chlorite is corrosive and a strong oxidizing agent. Contact with organic matter may cause fire or explosion. Mix only into water. Mixing with acids, alcohol or other chemicals may cause evolution of chlorine and chlorine dioxide gas which is toxic and may be explosive. Avoid contaminating with combustible materials, such as oils, grease, solvents, and paint products as rapid burning may occur.

STORAGE

Do not contaminate water, food or feed by storage or disposal. Keep product in tightly closed container when not in use. Do not drop, roll or skid drum. Keep upright. Always replace cover. Store in a cool (< 25°C), dry, well-ventilated area away from heat or open flame.

DISPOSAL:

- Triple or pressure-rinse the empty container. Add rinsings to the treatment site.
- Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.

- If container is to be disposed, make empty container unsuitable for further use and dispose of in accordance with provincial requirements.
- For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

DECONTAMINATION:

- Contain spilled material.
- Do not allow oxidizable or other incompatible materials to come into contact with spilled materials.
- DO NOT FLUSH INTO SURFACE WATERS.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

Booklet

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METHOD OF APPLICATION

Use SABRECHLOR 25 with a Chlorine Dioxide generator to generate an aqueous chlorine dioxide solution. These generators react SABRECHLOR 25 with either chlorine or a chlorine solution and hydrochloric acid producing an aqueous solution of chlorine dioxide. This solution is then added at a point in the system to be treated which ensures uniform mixing. Do not apply SABRECHLOR 25 directly to system being treated. Follow all instructions in the Chlorine Dioxide Generator Manual carefully.

DIRECTIONS FOR USE

FOR MICROBIAL CONTROL IN RECIRCULATING COOLING TOWERS AND PULP AND PAPER MILLS.

SABRECHLOR 25 is a source of chlorine dioxide for use in controlling microorganism contamination in recirculating cooling towers and pulp and paper process water.

The required dosage rate, frequency and concentration will vary for each user depending on the degree of microbiological and process contamination present, the temperature and the pH. Typical concentrations of chlorine dioxide are between 0.5-5.0 ppm for continuous doses, and between 5.0 and 100 ppm for intermittent shock doses.

To generate chlorine dioxide, use a chloride dioxide generator. Please review the generator operating manual before using. If you do not have the manual, please contact your representative.

OILFIELD INJECTION, ENHANCED OIL & GAS RECOVERY SYSTEMS (Fracture or injection waters for primary, secondary or tertiary oil and gas recovery).

Continuous Feed Method: Treat fracture or injection water until a residual of 0.25-5.0 ppm chlorine dioxide is achieved.

It is recommended that, before beginning treatment, the chlorine dioxide demand of the system is established using analytical methods.

It is recommended that the residual chlorine dioxide concentration be determined using an analytical method listed in "Analytical Methods".

The required dosage rate, frequency and concentration of chlorine dioxide may vary between 0.25 and 5.0 ppm above the chemical (chlorine dioxide) demand of the system on a continuous basis for each treatment, depending on severity of contamination, temperature and pH.

The aqueous chlorine dioxide stream from the generator must always be injected or introduced below the surface of the treated water, preferably while flowing or mixing. Allowing the aqueous chlorine dioxide stream to free-fall through air results in a loss of chlorine dioxide gas to the atmosphere.

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