

2024-5230
2024-10-25

BIOSPERSE CX9400
READ THE LABEL BEFORE USING
COMMERCIAL (INDUSTRIAL)
SOLUTION

<p>ACTIVE INGREDIENT: SODIUM BROMIDE 40% REGISTRATION No. 23624 PEST CONTROL PRODUCTS ACT</p>

NET CONTENTS:

SOLENIS CANADA ULC
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Emergency number: 1-844-SOLENIS

FOR USE AS A BACTERICIDE, SLIMICIDE, ALGICIDE AND MOLLUSC CONTROL AGENT IN COMMERCIAL AND INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS, INFLUENT WATER SYSTEMS SUCH AS FLOW THROUGH FILTERS, HEAT EXCHANGE WATER SYSTEMS, INDUSTRIAL WATER SCRUBBING WATER SYSTEMS, BREWERY PASTEURIZING SYSTEMS AND AIR WASHERS

DIRECTIONS FOR USE: DO NOT USE IN POTABLE WATER SYSTEMS When used as directed BIOSPERSE CX9400 effectively controls algae, bacterial and fungal slimes, and controls the settlement and growth of mollusc such as zebra mussel (*Dreissena*) or the Asiatic clam (*Corbicula*) in commercial and industrial cooling towers, influent water systems such as flow through filters, heat exchange water systems and industrial water scrubbing systems.

Wear protective eyewear, chemical-resistant coveralls over long-sleeved shirt, long pants, and chemical-resistant gloves and footwear when handling the concentrate and contacting treated process fluids.

For use with closed loading and transfer systems only.

Toxic to aquatic organisms. DO NOT discharge effluent containing this product or the biocide produced into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters unless the effluent has been detoxified by suitable means.

DOSAGE RATES: Add BIOSPERSE CX9400 to the system at a 0.125 to 2.0 sodium bromide/oxidant mole ratio. For example:

- 1) 192 to 3175 g of chlorine gas (99.9%) per litre of sodium bromide solution
- 2) 1.3 to 21 litres sodium hypochlorite (12.5% available chlorine) solution per litre of sodium bromide solution.

INITIAL DOSE: When system is noticeably fouled, add 0.0003 to 0.024 litres of BIOSPERSE CX9400 solution per 1000 litres of water contained in the system and oxidize with either chlorine gas (0.000959 to 0.004793 kg chlorine gas per 1000 litres of contained water) or sodium hypochlorite solution (0.007 to 0.032 litres of 12.5% sodium hypochlorite solution per 1000 litres of contained water).

SUBSEQUENT DOSE: When microbial control is evident, add 0.0002 to 0.024 litres of BIOSPERSE CX9400 per 1000 litres of water contained in the system, and oxidize with either chlorine gas (0.000479 to 0.004793 kg chlorine gas per 1000 litres of contained water), or sodium hypochlorite solution (0.003 to 0.032 litres of 12.5% sodium hypochlorite solution per 1000 litres of contained water).

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Feed BIOSPERSE CX9400 either before or after the oxidant injection point into the water to be treated. Be sure rapid mixing of the treated water, BIOSPERSE CX9400 and oxidant is achieved. Pump manufacturers can recommend the appropriate materials of construction and capacity for a pump to feed BIOSPERSE CX9400 or sodium hypochlorite solution. If used as the oxidant, chlorine gas must be handled and used only in accordance with practices recommended in The Chlorine Manual published by the Chlorine Institute, Inc. New York. Use chlorine gas only in ventilated areas.

Treatment levels of BIOSPERSE CX9400 and oxidant can best be measured with test kits for either bromine or chlorine. Tests should be done immediately after drawing water samples from the system. Use test kits according to directions.

1. When a bromine test kit is used, results can be read directly as ppm bromine.
2. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN Irritation may develop from eye and skin exposure. Avoid contact with eyes. Wear gloves and safety goggles. Do not allow entry to lakes, rivers or public water. BIOSPERSE CX9400 is not flammable, however in fires fuelled by other materials hydrogen bromide or bromine may be released. In case of fire, wear self-contained breathing apparatus.

ENVIRONMENTAL PRECAUTIONS: This product is toxic to fish and other aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

FIRST AID: 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 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 on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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 Registration number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Inorganic bromides produce depression, emaciation and, in severe cases, psychoses and mental deterioration. Bromide rashes often occur when bromide inhalation or administration is prolonged.

STORAGE: Keep product in tightly closed original container when not in use. Store in a dry well ventilated area. Product should be stored at 10°C or above.

DISPOSAL: 1. Triple or pressure rinse the empty container. Add rinsings to the treatment site. 2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. 3. Make the empty container unsuitable for further use. 4. Dispose of the container in accordance with provincial requirements. 5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer or the provincial regulatory agency in case of a spill and for clean-up of spills.

BIOSPERSE CX9400 weighs 1.426 kg/L at 21.1°C.

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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.