Biosperse™ CX3400 CHLORINE STABILIZER

When this product is used to treat sewage and wastewater systems, seawater, and freshwater influent systems for once-through industrial wastewater systems and seawater desalination and reverse osmosis systems, and the system water is not sent to a POTW, residual levels of chloramine in the effluent must be monitored and neutralized using on-line monitoring and control equipment.

When this product is used to treat recirculating cooling water systems, evaporative condensers, influent water systems for once-through industrial wastewater systems, brewery and food pasteurizers, airwashers, paint spray booth sumps, and non-food containing decorative fountain waters, use a product containing chloremate. The concentration of chloremate in the effluent must be determined to ensure that the effluent is within the acceptable limits. The use of this product for any purpose other than for the use directions specified below is prohibited.

DOSAGE Rates: When noticeably foamed, apply sufficient product and sodium hypochlorite to achieve a chlorine residual of at least 1 ppm in excess of the system oxidant demand. Maximum dosage rates can be reduced to sub-demand rates from 50% to 80% of system demand. The maximum dosage rate must be determined by the system operator and the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS: Direct mixing of this product with sodium hypochlorite or any other strong oxidizing and alkaline hazardous materials. Do not mix with any other chemicals or materials as specified in the Directions for this product.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor immediately 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.

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 center or doctor immediately for further 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.

If on clothing or skin, remove clothing or skin. If on hair, shampoo with mild soap and water.

NOTE: Have the product container or label with you when calling a Poison Control Center or doctor.

Hot Line Number: 1-844-SOLENIS (1-844-765-3647)

Material: 868987

Sequence #: 1

Net weight: 1250.00 KG (2755.78 LB)
255.0 Gal (125.5 Oz)

Phone: 3806

Sequence #: 1

Manufactured by Solenis LLC

Tm. Trademark, Solenis or its subsidiaries or affiliates, registered in various countries...Certified to NSF/ANSI 60, Ammonium Sulfate, MUL+. 5 mg/l., Macon, GA

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

The product must be used in conjunction with:

1) EPA registered sodium hypochlorite (12.5%) to produce monochloramine and 2) the Biosperse CX3400 feeder/delivery system, at a pH of 8 ± 5, to be programmed to automatically and optimally produce a dilute solution of monochloramine.

The installation, calibration and operation of the feeder/delivery system must be conducted only by Solenis authorized and trained personnel.

To achieve a minimum molar ratio of 1, Biosperse CX3400 to sodium hypochlorite, combine 1 liter (0.294 gallons) of Biosperse CX3400 to 3.7 liters (0.977 gallons) of sodium hypochlorite (12.5%). To ensure both handling safety and effectiveness, the monochloramine solution must be generated and fed into the treatment water systems through a proper chemical feed skid only by a trained Solenis representative. Use of this product for any other purpose or contrary to the use directions specified below is prohibited.

PULP AND PAPER MILLS: This product is used as a microbiocide in the manufacture of paper and paperboard that contains food. This product is applied in conjunction with sodium hypochlorite, using a closed delivery system, to form monochloramine as a more aggressive oxidizing microbiocide.

DOSAGE Rates: When noticeably foamed, apply sufficient product and sodium hypochlorite to achieve a total chlorine residual of at least 1 ppm in excess of the system oxidant demand. Other dosage rates can be calculated to sub-demand rates from 50% to 80% of system demand. The product may be added to the system continuously or intermittently as needed by any area of the system where uniform mixing can be obtained.

For intermittent treatment, mix 1.0 liter (0.294 gallons) of Biosperse CX3400 to 3.7 liters (0.977 gallons) of sodium hypochlorite (12.5%) every 6 hours. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Badly fouled systems must be cleaned before initial treatment.

For continuous treatment, mix 1.0 liter (0.294 gallons) of Biosperse CX3400 to 3.7 liters (0.977 gallons) of sodium hypochlorite (12.5%) every 6 hours. The frequency of feeding and the duration of treatment will depend on the severity of the problem. Badly fouled systems must be cleaned before initial treatment.

STORAGE AND DISPOSAL

Do not mix with an incompatible material, feed, or storage or disposal. PESTICIDE STORAGE: Keep container tightly closed. Store in a dry place. Leaking or damaged drums should be placed in black drums for disposal. Spills should be absorbed in sand or sand and disposed of in a sanitary landfill. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinse water is a violation of Federal law. If these wastes cannot be disposed of by use according to label directions. Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank, fill the container 1/4 full with water. Replace and tighten closures. Tie container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand container upright, then roll it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinse into application equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure two more times.

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