CHEMTREAT CL-2427
CHEMTREAT CL-2427 is for biofouling and slime control in PEP and PAPER MILL SYSTEMS; RECIRCULATING AND ONCE-THROUGH COOLING WATER SYSTEMS; TREATMENT OF WATER IN PACKAGING AND STORAGE VESSELS.

ACTIVE INGREDIENTS
Hydrogen Peroxide 27%
Inactive Ingredients 73%
TOTAL 100.0%

FOR INDUSTRIAL USE ONLY
NOT FOR HUMAN CONSUMPTION OR HOUSEHOLD USE
PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Corrosive. Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or clothing. Do not breathe dust, vapor or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, smoking, or using the toilet. Remove and wash contaminated clothing before reuse. Wear coveralls over long sleeved shirt and long pants, socks, chemical resistant footwear and chemical resistant gloves. Wear appropriate protective eyewear. Wear a respirator with an organic, vapor-removing cartridge with a P100 filter approved for pesticides (MSHA/NIOSH approval number permit TC-232), or a canister approved for pesticides (MSHA/NIOSH approval number permit TC-34G).

PHYSICAL OR CHEMICAL HAZARDS
Strong oxidizing agent. Mix only with water. ChemTreat CL-2427 is not combustible, but, however, at temperatures exceeding 350°F, decomposition occurs releasing oxides. The oxygen released could ignite or promote combustion of other materials.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to birds, mammals, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, wetlands, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the sewerage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Any solution released from the system should be diluted with water and treated for residuals to ensure that there is less than 3 ppm peroxynitrous remaining.

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

CHEMTREAT CL-2427
An oxidizing agent for controlling slime and organic fouling bacteria in process water, cooling systems, seawater recirculating and once-through water cooling systems and sewer systems such as leaching points and lagoons, including prebiotic cooling water systems and miscellaneous and unusual chemical recirculation processes involving cooling water systems and packaging and storage vessels. An algal biomass oxidizing agent.

Air-Blowers and Recirculating and Once-Through Cooling Water Systems, Disinfecting, fouling, and corrosion control, up to 20% to 30% of the total water.

This product may be used in all types of cooling water systems where excess chlorine or other cleaning chemicals would cause an objectionable aftertaste or color. This product may be used in all warm water systems where metal staining cannot be achieved. For example, in the boiler area. Additions may be made to concentrates or stock. Hydrogen peroxide should not be mixed with other chemicals or alcohols without first checking for compatibility. Contact ChemTreat for advice in process water treatment applications. CheCTreat CL-2427 contains approximately 1% of metal-activated hydrogen peroxide. Check CL-2427 per 1000 gallons of water in the system (3 to 75 ppm) for the correct rate of addition. To attain the concentration in the system, add 1.5 to 2.0 lbs. of CHEMTREAT CL-2427 per 1000 gallons of water in the system (10 to 50 ppm) per day. To attain the concentration in the system, add 1 to 1.5 lbs. of CHEMTREAT CL-2427 per 1000 gallons of water in the system (0.5 to 3 ppm) as required to maintain concentration.

Continuous Flow - Initial Dose If the system is mechanically troubled and there is no provision for the continuous treatment, one concentration of CHEMTREAT CL-2427 (to achieve and maintain concentration of 6 to 25 ppm) of CHEMTREAT CL-2427 per 1000 gallons of water per day to the system (0 to 10 ppm in CheCTreat CL-2427) should be added depending on the rate of evaporation and control achieved.

Pneumatic Cooling Water Systems
CHEMTREAT CL-2427 may be used for control of slime, bacteria, fungi, and other microorganisms in heating and cooling systems and recirculating processes involving cooling water systems and to remove algae and slime from the system. CHEMTREAT CL-2427 is added at a concentration of 0.3 to 2.0 lbs. of CHEMTREAT CL-2427 per 1000 gallons of water in the system (0.3 to 2.0 ppm) per day to the system (0.5 to 3 ppm) as required to maintain concentration.

PROCESS FOR LEAK OR SPLIF
Stop leak. If this can be done without risk. If leak ignites, expose, blow smoke, douse, or pump propellant liquid. Keep combustible and organic materials away. Spills should be handled with large quantity of water. Unified Protection Systems (UPS) and Other ChemTreat Products may be used to clean up spills. Avoid damage to containers. Keep containers closed at all times when in use. Keep containers out of direct sunlight to minimize product instability, some at temperatures below 40°F. Do not allow water to weld containers. Store away from any and all reagents.

CHEMTREAT CL-2427 is to be disposed of in accordance with local, state, or federal regulations.

CHEMTREAT CL-2427 is a water-based solution of chlorine dioxide and hydrogen peroxide. Prepare a chlorine dioxide solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 to 1 volume of process water. This will provide chlorine dioxide at 2% to 5% by weight hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures in the system as a source spray, or spraying or fogging to control bacterial and fungal contamination. Allow antimicrobial action to continue for a period 1 to 3 hours. After treatment, rinse the system with process water, including chemical recirculation processes involving cooling water systems and packaging and storage vessels. For a NEW SOLUTION TO AVOID EFFECTIVENESS, DO NOT REUSE SOLUTIONS, DISPOSE OF ANY UNUSED MATERIALS.

STORAGE
CHEMTREAT CL-2427 to the original container after it has been removed. Avoid all containers, especially eat, drink, smoking, and so on. Exposures and vapors will pose a risk of fire and explosion if ignited. CHEMTREAT CL-2427 in liquid form is a source of chlorine dioxide which is a potential fire hazard. Keep containers out of direct sunlight to minimize product instability, some at temperatures below 40°F. Do not allow water to weld containers. Store away from any and all reagents. CHEMTREAT CL-2427 is a water-based solution of chlorine dioxide and hydrogen peroxide. Prepare a chlorine dioxide solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 to 1 volume of process water. This will provide chlorine dioxide at 2% to 5% by weight hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures in the system as a source spray, or spraying or fogging to control bacterial and fungal contamination. CHEMTREAT CL-2427 is a water-based solution of chlorine dioxide and hydrogen peroxide. Prepare a chlorine dioxide solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 to 1 volume of process water. This will provide chlorine dioxide at 2% to 5% by weight hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures in the system as a source spray, or spraying or fogging to control bacterial and fungal contamination. CHEMTREAT CL-2427 is a water-based solution of chlorine dioxide and hydrogen peroxide. Prepare a chlorine dioxide solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 to 1 volume of process water. This will provide chlorine dioxide at 2% to 5% by weight hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures in the system as a source spray, or spraying or fogging to control bacterial and fungal contamination. CHEMTREAT CL-2427 is a water-based solution of chlorine dioxide and hydrogen peroxide. Prepare a chlorine dioxide solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 to 1 volume of process water. This will provide chlorine dioxide at 2% to 5% by weight hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures in the system as a source spray, or spraying or fogging to control bacterial and fungal contamination.

In case of emergency, call hours 1-800-426-9300. See side panel for additional precautionary statements.

NOS. CONTENTS: LBS.

Distributed by:
ChemTreat, Inc.
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Glen Allen, Virginia 23059

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EPA Reg. 60402-0-0560
EPA Reg. 60402-0-0561
EPA Reg. 60402-0-0562
EPA Reg. 60402-0-0563

For Chemicals Disposal, call 1-800-426-9300.