CHEMTREAT CL-2427
CHEMTREAT CL-2427 IS FOR BIOFOULING AND SLIME CONTROL IN PULP AND PAPER MILL SYSTEMS; RECIRCUATING AND ONE-THROUGH COOLING WATER SYSTEMS; PROCESS WATER SYSTEMS; BIOCIDAL CONTROL IN PACKAGING AND STORAGE VESSELS.

ACTIVE INGREDIENTS
Hydrogen Peroxide
27%
INERT INGREDIENTS
73%
TOTAL
100%
FOR INDUSTRIAL USE ONLY
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, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Wear clothes 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 pre-filter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C) or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

PHYSICAL OR CHEMICAL HAZARDS
Strong oxidizing agent. Mix only with water. ChemTreat CL-2427 is not combustible; however, at temperatures exceeding 156°F, decomposition occurs releasing oxygen. The oxygen released could initiate 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, estuaries, 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 sewage 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 tested for residuals to ensure that there is less than 3 ppm peroxoxygen remaining.

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. 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 a poison control center or doctor. Do not give anything 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 center 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 mouth-to-mouth, if possible. Call a poison control center or a doctor 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. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

In case of emergency, call 24 hours 1-800-424-9300.
See side panel for additional precautionary statements.

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

ChemTreat CL-2427
A macrobiocide for use in controlling slime and sulfate forming bacteria in process waters, cooling water systems, recirculating and once-through water cooling Towers and systems such as holding ponds and lagoons, including pasteurizer cooling water systems and industrial closed recirculating process water systems and packaging and storage vessels.

Air Washers and Recirculating and Once-Through Cooling Water Systems, (cooling towers, evaporative condensers)

Severely fouled systems should be cleaned prior to treatment. This product may be used in all types of cooling water systems that have microscopic components. ChemTreat CL-2427 should be added at a point where uniform mixing is achieved. For example, in the basin area. Addition may be intermittent or continuous. Hydrogen peroxide should not be mixed with other chemicals or additives, without first checking for compatibility. Compatibility with other chemicals could cause product decomposition.

Intermediate (Slag Dose): For severely fouled systems add 4 to 25 ft. 3. oz. of ChemTreat CL-2427 per 1000 gallons of water in the system (10 to 50 ppm). Repeat until control is achieved. When control is evident, add 1 to 5 ft. 3. oz. of ChemTreat CL-2427 per 1000 gallons of water in system (5 to 100 ppm) as needed to maintain control.

Continuous Feed - Initial Dose: If the system is noticeably fouled, use slag dose procedure for the initial treatment. Once control is achieved, continuous feed of 0.4 to 21.5 ft. 3. oz. ChemTreat CL-2427 per 1000 gallons of water per day in the system (1 to 50 ppm). Dosage rates should be adjusted depending on the extent of biofouling and control achieved.

Pasteurizer Cooling Water Systems
ChemTreat CL-2427 may be used for the control of slime, bacteria, fungi, and other microorganisms in brewer and other pasteurizer systems and washers at the same application rates as above. Slag feed system should be added to the cold recirculating system at a point where uniform mixing is achieved, e.g. tank, pump, or collector areas.

Biofouling Control in Pulp and Paper Mill Systems
For use in the manufacture of paper and board intended for food contact only. Not for use in the manufacture of paper and board intended for food contact. This product may be used to control bacteria, fungal and yeast growth in pulp, paper and paperboard mills. Severely fouled systems should be cleaned prior to treatment with ChemTreat CL-2427. Add ChemTreat CL-2427 directly to the system; don’t mix with other chemicals or additives without first checking for compatibility. Compatibility with other chemicals could result in product decomposition. Add ChemTreat CL-2427 is at a point in the system where it can be mixed uniformly with the pulp, e.g., the beater, hydrodewater, fisk pump, breaker pump, etc. Apply 1 to 15 ft. 3. oz. ChemTreat CL-2427 per ton of pulp (dry basis) or paper produced. (10 to 500 ppm). Addition may be continuous or intermittent depending on the type of system and severity of the biofouling.

Process Water
ChemTreat CL-2427 may be used to aid in minimizing slime formation in process waters intended for use in presenting hard non-porous surfaces, e.g., metals, glass or glastics prior to being painted, plated, or coated, cleaning equipment or other process equipment.

Add ChemTreat CL-2427 at a point in the system where it can be mixed uniformly. The quantity of product required will depend upon the severity of the fouling. Apply 0.4 to 21.5 ft. 3. oz. per 1000 gallons of water in the system (1 to 500 ppm). Once control is achieved, reduce application rate accordingly.

Control of slime, bacteria, fungi, and other microorganisms in packaging and shipping areas such as railcars, tracks, slips, trestes, HBC’s tanks, etc. used to contain clyes, calcium carbonate, titanium dioxide, barium sulfate, and other filter materials.

If treating the container or vessel in the field, place the vessel or container on an area with an impervious surface with controlled runoff. Ensure that the antimicrobial treatment solution will not be released to the environment.

Remove gross contamination with a cleaner or other suitable detergent and rinse with water.

Prepare a dilute solution of the product by adding 1 to 4 volumes of ChemTreat CL-2427 in 11 volumes of potable water. This will provide solutions containing 3% to 10% hydrogen peroxide. Apply the diluted solution, at ambient or elevated temperatures to the surface as a coarse spray, wiper or flood to reduce bacterial and fungal contamination.

Allow antimicrobial agent to contact the surface for a period of time sufficient to ensure adequate cleaning. Depending on microbial load, contact times can range from 5 to 30 minutes or longer. Rinse dry. Do not reuse.

IN ALL APPLICATIONS, ALWAYS PERFORM A NEW SOLUTION DAILY TO ENSURE EFFECTIVENESS. DO NOT REUSE SOLUTIONS. DISPOSE OF ANY UNUSED SOLUTION.

STORAGE AND DISPOSAL

STORAGE
Never return ChemTreat CL-2427 to the original container after it has been removed. Avoid all containers, especially diet, craft, reducing agents, and metals. Contamination and impurities will reduce shelf life and can induce decomposition. In case of decomposition, isolate container, dispose container with cool water and dilute ChemTreat CL-2427 with large volumes of water. Avoid damage to containers. Keep container closed at all times when not in use. Keep container out of direct sunlight. To maintain product quality, store at temperatures below 80°F. Do not store in wooden pallets.

PROCEDURE FOR LEAK OR SPILL
Stop leak if it can be done without risk. Shut off ignition sources; no flames, smoking, flares, or spark producing tools. Keep combustible and organic materials away. Flush spilled material with large quantities of water. Usheld ground and general should not enter cleanup areas.

DISPOSAL
Pesticide Disposal: If material has been spilled, an acceptable method of disposal is to dilute with at least 20 volumes of water followed by discharge into suitable treatment systems in accordance with all local, state and Federal environmental laws, rules, regulations, standards, and other requirements. Because acceptable methods of disposal may vary by location, regulatory agencies should be contacted prior to disposal.

ChemTreat CL-2427 which is to be discarded should be disposed of at hazardous waste sites that are accepting the appropriate local, state or Federal agency to determine proper procedures.

Container Disposal: Empty drums are not returnable unless special arrangements have been made. Triple rinse drums with water. Disposal of drums in accordance with local, state and Federal regulations. DO NOT REUSE.

DOT SHIPPING DESCRIPTION
HYDROGEN PEROXIDE AQUEOUS SOLUTION WITH 27% HYDROGEN PEROXIDE
UN2804

Distributed by:
ChemTreat, Inc.
10400 Lickinghole Road
Ashland, Virginia 23005

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