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# CHEMTREAT CL-2150C

**1.5% SOLUTION**  
**INDUSTRIAL RECIRCULATING WATER COOLING TOWER MICROBICIDE AND**  
**OIL FIELD INJECTION WATER MICROBICIDE**

**COMMERCIAL**

**ACTIVE**

**INGREDIENT:**

**5-Chloro-2-methyl-4-isothiazolin-3-one... 1.13%**  
**2-Methyl-4-isothiazolin-3-one... 0.37%**

**REGISTRATION NO. 26537**  
**PEST CONTROL PRODUCTS ACT**

**WARNING**



**CORROSIVE**

POTENTIAL SKIN SENSITIZER

**DO NOT USE IN POTABLE WATER SYSTEMS**  
**READ THE LABEL BEFORE USING**

**NET CONTENTS: 114 Liters to 208 Litres**

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**(804) 935-2000**

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### **FIRST AID**

**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 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.

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

**TOXICOLOGICAL INFORMATION:** Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsions may be needed. Skin burns and corrosion may be delayed for several hours.

### **PRECAUTIONS**

#### **KEEP OUT OF REACH OF CHILDREN**

**DANGER. CORROSIVE TO EYES AND CAUSES SKIN BURNS. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE FATAL IF SWALLOWED OR ABSORBED THROUGH THE SKIN.**

Potential skin sensitizer.

Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing vapours or spray mists. Wash skin thoroughly with soap and water after handling. Remove contaminated clothing and wash separately from other laundry before reuse. Wear long pants, a long sleeved shirt, chemical-resistant gloves, a full face NIOSH-approved respirator and a chemical-resistant apron during mixing/loading, clean up, and repair.

### **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. Treated effluent should not be discharged where it will drain into lakes, streams, ponds or public water. Do not contaminate water by cleaning of equipment or disposal of waste. Apply this product only as specified on this label.

### **DIRECTIONS FOR USE:**

#### **BREWERY PASTEURIZERS & CAN WARMERS**

For the control of bacteria, algae and fungi in brewery pasteurizer and can warmer systems, add ChemTreat CL-2150C at a point in the system to insure uniform mixing. After use of ChemTreat CL-2150C, employ a thorough rinse cycle with fresh potable water.

**DOSAGE:**

Initial Dose: When the system is noticeably fouled, apply 148 to 883 ppm of ChemTreat CL-2150C (1.48 to 8.83 kg or 1.45 to 8.65 L of ChemTreat CL-2150C per 10 tonnes of water in the system). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 35 to 219 ppm of ChemTreat CL-2150C (0.35 to 2.19 kg or 0.343 to 2.15 L of ChemTreat CL-2150C per 10 tonnes of water in the system) weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

**FOR COOLING TOWERS:**

ChemTreat CL-2150C is recommended for the removal of slime from fouled towers. Add 0.33 to 8.67 kg of ChemTreat CL-2150C as supplied per 10 tonnes of water in the system (equivalent to about 0.5 to 13 ppm active ingredient). This dosage should be repeated 2 to 3 times per week until fouling has been reduced to an acceptable level, thus establishing microbial control.

Point of Addition: ChemTreat CL-2150C should be added to the basin to the distribution boxes or at any other point where it will be rapidly and uniformly dispersed throughout the system.

**AIR WASHER SYSTEMS:**

Add to the air washer sump or chill water sump to ensure uniform mixing - 4.20 to 16.43 kg of ChemTreat CL-2150C (equivalent to 6.3 to 24.6 ppm of active ingredient) per 10,000 litres of water in the system, depending on the severity of contamination to control bacteria, fungi and algae which cause fouling in industrial air washer systems.

**INTERMITTENT OR SLUG METHOD:**

Initial Dose: When the system is noticeably fouled, apply 1.51 to 8.95 kg of ChemTreat CL-2150C (equivalent to 2.22 to 13.4 ppm of active ingredient) per 10,000 litres of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.36 to 2.23 kg of ChemTreat CL-2150C (equivalent to 0.53 to 3.29 ppm of active ingredient) per 10,000 litres of water weekly or as needed to maintain control.

**CONTINUOUS FEED METHOD:**

Initial Dose: When the system is noticeably fouled, apply 1.51 to 8.95 kg of ChemTreat CL-2150C (equivalent to 2.22 to 13.4 ppm of active ingredient) per 10,000 litres of water in the system.

Subsequent Dose: Maintain this treatment level by adding a continuous feed of 0.36 to 2.23 kg of ChemTreat CL-2150C (equivalent to 0.53 to 3.29 ppm of active ingredient) per 10,000 litres of makeup water.

Badly fouled systems must be cleaned before initial treatment. (Note: For use only in industrial air washing systems that maintain effective mist eliminating components).

**OIL FIELD INJECTION WATERS:**

For the control of slime-forming bacteria and sulphate-reducing (sulphide-forming) bacteria in oil field injection waters, slug treat with 70 to 360 ppm of ChemTreat CL-2150C as supplied in accordance with the severity of bacterial contamination.

**DOSAGE:**

Apply 180 - 360 ppm of ChemTreat CL-2150C as supplied (17.8 to 35.6 litres per 10 tonnes of water) at any point from which the material mixes uniformly throughout the system. Repeat the

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treatment after 3 days or as needed to achieve control. After achieving control, apply 70 - 180 ppm of ChemTreat CL-2150C as supplied (7.1 to 17.8 litres per 100 tonnes of water) every seven days or as needed to maintain control.

**STORAGE:**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. If plastic, do not reuse empty container.

**DISPOSAL:**

1. Triple or pressure-rinse the empty container. Add the 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 and the provincial regulatory agency in case of a spill, and the clean-up of spills.

For refillable containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For information on 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.

**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.

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