

WCS 102
Industrial Recirculating Water Cooling Tower Microbiocide

NET CONTENTS: ___ kg/___ lb
(___ L/___ US gal)
ITEM CODE: 82707

**COMMERCIAL
SOLUTION**

GUARANTEE:

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

REGISTRATION NO. 25694
PEST CONTROL PRODUCTS ACT

WARNING



CORROSIVE POTENTIAL SKIN SENSITIZER
READ THE LABEL BEFORE USING
DO NOT USE IN POTABLE WATER SYSTEMS

Not registered for use in the United States of America.

Manufactured in the
U.S.A. for Ecolab Co.
5105 Tomken Road, Mississauga, Ontario L4W 2X5 Tel: 905-238-2563
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PRECAUTIONS

DANGER: KEEP OUT OF REACH OF CHILDREN.

CORROSIVE TO EYES AND CAUSES SKIN BURNS. POTENTIAL SKIN SENSITIZER.
MAY CAUSE ALLERGIC SKIN REACTION. MAY BE FATAL IF SWALLOWED OR
ABSORBED

THROUGH THE SKIN. Do not get in eyes, on skin, or on clothing. Do not swallow. Avoid breathing vapor or spray mists. Wash skin thoroughly with soap and water after handling.

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.

Remove contaminated clothing immediately, wash skin thoroughly with soap and water, and put on clean clothing. Wash contaminated clothing separately from other laundry before reuse. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product.

Users should remove personal protective equipment immediately after handling this product.

Wash the outside of gloves before removing. Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables exist, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

ENVIRONMENTAL HAZARDS

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. Do not contaminate water by cleaning of equipment or disposal of waste.

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 ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison 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 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 Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION

MATERIAL IS CORROSIVE. It may not be advisable to induce vomiting. Possible mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock and convulsion may be necessary.

STORAGE

This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not contaminate food or feed by storage, disposal, or cleaning of equipment.

DISPOSAL

1. Triple or pressure-rinse the empty container. Add the rinsings to treatment site.
2. Follow provincial instruction 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 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. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

BREWERY PASTEURIZERS & CAN WARMERS

For the control of bacteria, algae, and fungi in brewery pasteurizers and can warmer systems, add *WCS 102* microbiocide at a point in the system to insure uniform mixing. After use of *WCS 102*, employ a thorough rinse cycle with fresh potable water.

Initial Dose: When the system is noticeably fouled, apply 148-883 ppm of *WCS 102* microbiocide (1.48-8.83 kg or 1.45-8.65 L of *WCS 102* per 10 tons of water in the system). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 35-219 ppm of *WCS 102* microbiocide (0.35-

2.19 kg or 0.343-2.15 L of *WCS 102* per 10 tons of water in the system) weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

COOLING TOWERS

WCS 102 is recommended for the removal of slime from fouled towers. Add 0.33-8.67 kg of *WCS 102* as supplied per 10 tons of water in the system (equivalent to about 0.5-13 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: *WCS 102* 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 WASHERS SYSTEMS

Add to the air washer sump or chill water sump to ensure uniform mixing, 4.20-16.43 kg of *WCS 102* (equivalent to 6.3-24.6 ppm of active ingredient) per 10,000 liters 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. Badly fouled systems must be cleaned before initial treatment.

Note: For use only in industrial air washing systems that maintain effective mist eliminating components.