

2023-1679
23-08-03

KATHON™ WT 1.5% BIOCID

PAPERMILL SLIMICIDE, INDUSTRIAL RECIRCULATING WATER COOLING TOWER
MICROBICIDE AND OIL FIELD INJECTION WATER MICROBICIDE

COMMERCIAL

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT

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

REGISTRATION NO. 17446
PEST CONTROL PRODUCTS ACT

WARNING



CORROSIVE

POTENTIAL SKIN SENSITIZER

DO NOT USE IN POTABLE WATER SYSTEMS

Net Contents: Kg

LANXESS Corporation
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Pittsburgh, PA 15275-1112
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EMERGENCY TELEPHONE NUMBERS
TRANSPORTATION EMERGENCIES ONLY:

CANUTEC (Canada): 1-613-996-6666
CHEMTREC: 1-800-424-9300 (USA); 1-703-527-3887 (International)

ALL OTHER EMERGENCIES:

LANXESS: 1-800-410-3063 (USA); 1-866-673-6350 (Canada)

DIRECTIONS FOR USE

INTERNAL

2023-1679

23-08-03

PULP & PAPER

This product is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: This product should be added at a point in the system to insure uniform mixing such as the Beater, Hydropulper Fan or Broke Storage Pump.

DOSAGE: Apply 0.3 to 1.1 kgs of this product as supplied per tonne (dry basis) of pulp or paper produced, as a slug dose. If needed repeat daily. Badly fouled systems should be cleaned before initial treatment. One litre of this product weighs 1.01 kg.

BREWERY PASTEURIZERS & CAN WARMERS

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

INITIAL DOSE: When the system is noticeably fouled, apply 148 to 883 ppm of this product (1.48 to 8.83 kg or 1.45 to 8.65 L of this product 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 this product (0.35 to 2.19 kg or 0.343 to 2.15 L of this product 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.

COOLING TOWERS

This product is recommended for the removal of slime from fouled towers, add 0.33 to 8.67 kg of this product 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: This product 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.

2021-1708
2021-06-29

AIR WASHER SYSTEMS

Add to the air washer sump or chill water sump to ensure uniform mixing, 4.20 to 16.43 kgs of this product (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 this product (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 this product (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 just noticeably fouled, apply 1.51 to 8.95 kg of this product (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 this product (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 this product as supplied in accordance with the severity of bacterial contamination.

DOSAGE: Apply 180-360 ppm of this product as supplied (17.8 to 35.6 litres per 100 tonnes of water) at any point from which the material mixes uniformly throughout the system. Repeat the treatment after 3 days or as needed to achieve control. After achieving control, apply 70-180 ppm of this product as supplied (7.1 to 17.8 litres per 100 tonnes of water) every seven days or as needed to maintain control.

2023-1679

23-08-03

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

DANGER

CORROSIVE

CAUSES EYE DAMAGE AND SKIN BURNS

POTENTIAL SKIN SENSITIZER

MAY CAUSE ALLERGIC SKIN REACTION

MAY BE HARMFUL IF INHALED

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 vapours and spray mists. Wash skin thoroughly with soap and water after handling.

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.

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 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.

2021-1708
2021-06-29

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.

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 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.

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

2023-1679

23-08-03

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 convulsions may be necessary.

DISPOSAL

1. Triple-or pressure-rinse the empty container. Add the rinsings to the 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.

Date of Manufacture: location for date

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.

2021-1708
2021-06-29

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