

2023-1679  
23-08-03

## KATHON™ CF 1400 MICROBICIDE

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	10.5%
2-Methyl-4-isothiazolin-3-one	3.5%

REGISTRATION NO. 26908  
PEST CONTROL PRODUCTS ACT

DANGER



POISON



CORROSIVE

POTENTIAL SKIN SENSITIZER

Net Contents: Kg

LANXESS Corporation  
111 RIDC Park West Drive  
Pittsburgh, PA 15275-1112  
1-800-LANXESS

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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)

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**ALL OTHER EMERGENCIES:**

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

## **DIRECTIONS FOR USE**

### **PULP & PAPER**

KATHON™ CF 1400 MICROBICIDE is recommended for the control of bacterial and fungal slime in the production of paper.

POINT OF ADDITION: KATHON™ CF 1400 MICROBICIDE 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 0.02 to 0.09 kg of KATHON™ CF 1400 MICROBICIDE 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 KATHON™ CF 1400 MICROBICIDE weighs – 1.25 kg.

### **COOLING TOWERS**

KATHON™ CF 1400 MICROBICIDE is recommended for the removal of slime from fouled towers, add 0.036 to 1.0 kg of KATHON™ CF 1400 MICROBICIDE as supplied per 10 tonne of water in the system (equivalent to about 0.5 to 13.0 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: KATHON™ CF 1400 MICROBICIDE 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, 0.45 to 1.76 kg of KATHON™ CF 1400 MICROBICIDE (equivalent to 4 to 10 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. 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 6 to 29 ppm of KATHON™ CF 1400 MICROBICIDE as supplied in accordance with the severity of bacterial contamination.

DOSAGE: Apply 14-29 ppm of KATHON™ CF 1400 MICROBICIDE as supplied (1.42 to 2.85 litre 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 6-14 ppm of KATHON™ CF 1400 MICROBICIDE as supplied (0.57 to 1.42 litre per 100 tonnes of water) every seven days or as needed to maintain control.

## **PRECAUTIONS**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

**CORROSIVE**

**CAUSES SEVERE EYE DAMAGE AND SKIN BURNS**

**POTENTIAL SKIN SENSITIZER**

**MAY CAUSE ALLERGIC SKIN REACTION**

**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.

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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.

## **STORAGE**

This product as supplied evolves gas (largely carbon dioxide) slowly. To prevent buildup of pressure the product is packaged in specially vented containers. Keep this product in the original container when not in use. Container must be stored and transported in an upright position to prevent spilling the contents through the vent. 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.

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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.

## **DISPOSAL**

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.

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.

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