

2013-5492  
2013-12-03

**ControlChem 2611**  
Water Treatment Microbicide

GUARANTEE:

Glutaraldehyde .....45 % (by weight)

SOLUTION

COMMERCIAL

REGISTRATION NO.: 27044

PEST CONTROL PRODUCTS ACT

NET CONTENTS: 230 KG

POISON CORROSIVE

DANGER

READ LABEL BEFORE USING

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**WATER TREATMENT MICROBICIDE**

For the control of slime forming bacteria, sulphate -reducing bacteria, and algae in air washers and in industrial scrubbing systems, service water and auxiliary systems, recirculating cooling and process water systems including those that contain reverse osmosis membranes and wastewater systems, including wastewater sludge and holding tanks.

**DIRECTION FOR USE**

DO NOT open pour more than 20 L if concentrate per day. Use an automatic addition system if using more than 20 L if concentrate per day.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECALCULATING COOLING AND PROCESS WATER SYSTEMS:

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components. ControlChem 2611 Water Treatment Microbicide should be added at the application rates described below, to a water treatment system at a convenient point of uniform mixing such as the basin area. Additions may be made intermittently (SLUG DOSE) or continuously. Badly fouled systems can be shock treated with ControlChem 2611

Water Treatment Microbicide . Under these conditions, blowdown should be discontinued for up to 24 hours. ControlChem 2611 Water Treatment Microbicide can be used in industrial process water systems that contain ultra filtration units and non - medical reverse osmosis membranes (where approved for compatibility by the membrane manufacturer) and associated distribution systems.

#### INTERMITTENT (SLUG DOSES) METHOD

Initial dose: When the system is noticeably fouled, apply 111ml to 444 ml of ControlChem 2611 Water Treatment Microbicide per 1000 litres of water in the system. Repeat until control is achieved. Subsequent dose: When microbial control is evident, add 16 ml to 333 ml of ControlChem 2611 Water Treatment Microbicide per 1000 litres of water in the system per day, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

#### CONTINUOUS FEED METHOD

Initial dose: When the system is noticeably fouled, apply 111 ml to 444 ml of ControlChem 2611 Water Treatment Microbicide per 1000 liters of water in the system. Repeat until control is achieved. Subsequent dose: Maintain this treatment level by starting a continuous feed of 16 ml to 333 ml of ControlChem 2611 Water Treatment Microbicide per 1000 liters of water in the system per day. Badly fouled systems must be cleaned before treatment begins.

#### SERVICE WATER AND AUXILIARY SYSTEMS

ControlChem 2611 Treatment Microbicide should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point that will allow for uniform mixing throughout the system.

#### HEAT TRANSFER SYSTEMS

(Evaporative Condensors, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Warmers and Once - Through Cooling Water Systems.) ControlChem 2611 Water Treatment Microbicide should be used at the same application rates and in the same manner as described above. It should be added to the system at a point of uniform mixing such as a basin area, sump area, or other reservoir collecting area from which the treated water will be circulated uniformly throughout the system.

#### INDUSTRIAL WASTEWATER SYSTEMS

(Wastewater systems, Wastewater sludge and Wastewater Holding Tanks)  
ControlChem 2611 Water Treatment Microbicide should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 0.5

liters to 2.5 liters (500 to 2500 ppm ControlChem 2611 Water Treatment Microbicide)  
per 1000 liters of wastewater or sludge.

## **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 use assumes the risk to persons or property that arises from such use of this product.

## **PRECAUTIONS**

- HAZARDS TO HUMANS
- DANGER
- KEEP OUT OF REACH OF CHILDREN

Corrosive! Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. Harmful or fatal if swallowed. Harmful if absorbed through the skin. Prolonged or repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes skin or clothing. Do not inhale fume or vapour. Do not swallow. Wear coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks, chemical-resistant footwear, and eye protection during mixing, loading, application, clean-up and repair. Remove contaminated clothing and shoes and wash them before reuse.

## **FIRST AID**

If swallowed: Contact a poison control centre or doctor immediately for treatment advice. If the person is fully alert and cooperative, have the person rinse mouth with plenty of water. In cases of ingestion have the person drink 120 - 240 mL (4 to 8 ounces) of water. Do not induce vomiting. Do not attempt mouth rinse if the person has respiratory distress, altered mental status, or nausea and vomiting.

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 by mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

If in eyes: Wash immediately and continuously with flowing water for at least 30 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**

Aspiration may cause lung damage. Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

## **ENVIRONMENTAL HAZARDS:**

Toxic to aquatic organisms.

## **STORAGE & HANDLING**

ControlChem 2611 Water Treatment Microbicide solutions are incompatible with many commonly used material of construction such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic -lined steel, polyethylene, stainless steel or reinforced epoxy-lined equipment. This product freezes about -17°C. Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times (up to 1 month), temperatures of up to 38°C can be tolerated but the preferred maximum storage temperature is about 27°C. A stainless steel centrifugal pump is suggested for transfer service. Spiral wound steel with TEFLON ® is suitable for gaskets and packing.

## **DISPOSAL**

1. Triple-or pressure –rinse the empty container . Add the rinsing 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 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.

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