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HYDREX™ 7996 Water Treatment Microbiocide

A MICROBIOCIDE FOR USE IN CONTROLLING SLIME-FORMING BACTERIA, SULFATE-REDUCING BACTERIA, AND ALGAE IN AIR WASHERS AND 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.

SOLUTION

GUARANTEE:

Glutaraldehyde..... 42.5%
(n-Alkyl C12 (40%), C14 (50%), C16 (10%))
dimethyl benzyl ammonium chloride..... 7.5%

**REGISTRATION NO. 30202
PEST CONTROL PRODUCTS ACT**

COMMERCIAL

**DANGER
CORROSIVE TO EYES AND SKIN.
POTENTIAL SKIN SENSITIZER**

**POISON
CORROSIVE**

READ THE LABEL BEFORE USING

Veolia Water Solutions Canada Inc.
4105 Sartelon
St. Laurent QC H4S 2B3
(514)-334-7230
HYDREX™ Trademark of Veolia Water Solutions and Technologies

EMERGENCY CONTACT IN USA 1-800-UCC-HELP (1-800-822-4357)
(24 HOURS PER DAY): OUTSIDE USA 01-304-744-3487
IN CANADA 613-996-6666

Net contents:

Made in USA

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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 skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Do not get in eyes, on skin, on clothing. Do not inhale fumes or vapor. Do not swallow. *Wear* When handling the concentrate and during cleaning, maintenance and repair activities on contaminated equipment, wear goggles and face shield, chemical resistant gloves, protective clothing (i.e., long sleeve shirt, long pants and apron), boots and NIOSH approved organic-vapour-removing cartridge with prefilter respirator. Wash thoroughly with soap and water after handling. Use only in well ventilated area. Remove contaminated clothing and shoes and wash them before reuse.

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.

DO NOT discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. The requirements of applicable laws should be determined before using the product.

FIRST AID

If in Eyes: Hold eye open and rinse slowly and gently with water for 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.

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 further treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If Swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

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

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of gastric lavage. Measures against circulatory shock, respiratory depression and convulsion may be needed.

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DISPOSAL:

1. Triple or pressure-rinse the empty container. Add the rinsings to treatment site .
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal or reconditioning.
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.

STORAGE AND HANDLING

To prevent contamination store this product away from food or feed.

HYDREX™7996 Water Treatment Microbiocide solutions are incompatible with many commonly used materials 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-plastic equipment. This product freezes at about -14°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 about 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 stainless steel with TEFLON™ is suitable for gaskets and packing.

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 label. The user assumes the risk to persons or property that arises from any such use of this product.

DIRECTIONS FOR USE

If product is applied manually, a dust mist respirator must be worn during application.

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

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT discharge effluent containing this product into sewer systems, lakes, streams, ponds estuaries, oceans or other waters.

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AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS/RECIRCULATING AND COOLING AND PROCESS WATER SYSTEMS

This product may be used only in industrial air washers and air washer systems which have mist-eliminating components.

HYDREX™ 7996 Water Treatment Microbiocide should be added to a water treatment system at a 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 HYDREX™ 7996 Water Treatment Microbiocide. Under these conditions, blowdown should be discontinued for up to 24 hours.

HYDREX™ 7996 Water Treatment Microbiocide 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 DOSE) METHOD

Initial Dose: When the system is noticeably fouled, apply 100 mL to 400 mL of HYDREX™ 7996 Water Treatment Microbiocide per 1000 Litres of water in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 30 mL to 100 mL of HYDREX™ 7996 Water Treatment Microbiocide per 1000 Litres of water in the system weekly, 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 100 mL to 400 mL of HYDREX™ 7996 Water Treatment Microbiocide per 1000 Litres of water in the system.

Subsequent Dose: Maintain this treatment level by starting a continuous feed of 15 mL to 100 mL of HYDREX™ 7996 Water Treatment Microbiocide per 1000 Litres of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

SERVICE WATER AND AUXILIARY SYSTEMS

HYDREX™ 7996 Water Treatment Microbiocide should be used at the same application rates, and in the same manner as described above. It should be added at a point that will allow for uniform mixing throughout the system.

HEAT TRANSFER SYSTEMS

(Evaporative Condensers, Dairy Sweetwater Systems, Hydrostatic Sterilizers and Retorts, and Pasteurizers and Once - Through Cooling Water Systems)

HYDREX™ 7996 Water Treatment Microbiocide 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

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point of uniform mixing such as a basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

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INDUSTRIAL WASTEWATER SYSTEMS

(Wastewater Systems, Wastewater Sludge and Wastewater Holding Tanks)

HYDREX™7996 Water Treatment Microbiocide should be added to a wastewater system or sludge at a convenient point of uniform mixing such as the digester. Add 0.5 Litres to 2.5 Litres (500 to 2500 ppm HYDREX™7996 Water Treatment Microbiocide) per 1000 Litres of wastewater or sludge.