

2024-2040, 2024-10-11

BIOTECH V

Solution

FOR USE IN INDUSTRIAL RECIRCULATING COOLING WATER SYSTEMS AND FOR SWIMMING POOL USE



DANGER
CORROSIVE TO EYES AND SKIN

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Available chlorine present as sodium hypochlorite 10.3%

REGISTRATION NO. 31414 PEST CONTROL PRODUCTS ACT

Net Contents in kg: _____

Kurita Canada Inc.
33 McIntyre Drive
Kitchener, ON N2R 1E4
1-800-265-2772

Emergency Number: CHEMTEL, For Chemical Emergency Call 1-800-255-3924 24hr/day
7days/week

TDG shipping name: HYPOCHLORITE, SOLUTION, more than 7%
Class 8 UN 1791 PG III

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DIRECTIONS FOR USE:

Note: This product degrades with age. Use a chlorine test kit and increase dosage as necessary to obtain the required level of available chlorine.

FOR USE IN RECIRCULATING COOLING WATER SYSTEMS:

For the control of bacteria, algae and fungi, add **BIOTECH V SOLUTION** to the lower basin, distribution box or some other point to insure uniform mixing.

Initial Dose: When the system is notably fouled, add 0.06 to 0.12 kg/1000 L of water in the system to achieve 7.5 to 15.0 mg/L available chlorine by weight. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, apply 0.03 to 0.06 kg/1000 L of water in the system to achieve 3.25 – 7.50 mg/L available chlorine by weight. Apply treatment weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

SWIMMING POOLS:

1. Maintain recommended daily levels as determined by testing kit. Free available chlorine: 1.0 – 3.0 ppm pH: 7.2 – 7.8 Total Alkalinity: 100 – 120 ppm Calcium Hardness: 200 – 300 ppm

2. Initially superchlorinate pool water by adding to the pool 1 L of this product per 10,000 L of pool water. For best results superchlorinate at dusk.

3. Chlorinate daily to maintain proper chlorine residual with 250 mL of this product per 10,000 L of pool water, or as needed. NOTE: Hot weather, heavy pool usage, and rain may require higher usage rates to maintain proper chlorine residuals.

4. Superchlorinate weekly with 1 L of this product per 10,000 L of pool water when average daily temperature is 25° C – 32 °C. Otherwise, superchlorinate every other week.

5. For visible algae superchlorinate using 2 L of this product per 10,000 L of pool water. Heavy algae infestation may require dosages up to 3 L per 10,000 L. Vacuum pool when dead algae settles.

6. For wading pools, chlorinate daily to maintain a chlorine residual of 3 – 5 ppm by adding 45 mL of this product per 1,000 L of pool water, or as needed.

NOTE: For outdoor pools, chlorine residuals can be protected from destruction by sun's rays by addition of stabilizer (cyanuric acid).

PRECAUTION STATEMENTS:

KEEP OUT OF REACH OF CHILDREN.

Dangerous gas formed when mixed with acid.

Do not mix with any other chemical.

CORROSIVE TO THE EYE. DO NOT get in eyes.

CORROSIVE TO THE SKIN. DO NOT get on skin.

Harmful if swallowed or inhaled.

Avoid breathing vapour or sprays; use with adequate ventilation.

Wear long-sleeved shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or a face shield), socks and shoes when handling this product.

Wash thoroughly after handling.

Immediately remove contaminated clothing and wash before reuse.

Avoid contamination of food.

ENVIRONMENTAL HAZARDS:

Toxic to 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. This registration is granted under the Pest Control Products Act and does

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not exempt the user from any other legislative requirements. Use of this product and management of any resulting discharge or release of effluents containing this product must also be in accordance with the Fisheries Act and with any other applicable federal or provincial legislation. Consult with provincial regulatory authorities on any authorizations or other requirements for use of this product and management of any resulting discharge or release of effluents containing this product.

FIRST AID:

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 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 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:

Treat symptomatically.

STORAGE:

Store this product away from food or feed. Keep container closed and store in upright position in a cool dark location. Do not freeze.

DISPOSAL:

Triple- or pressure-rinse the empty container. Add the rinsings to the treatment site. Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. 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 and for the 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.