

BioControl 260

TWIN-CHAIN QUATERNARY AMMONIUM COMPOUND CONCENTRATE

Water Treatment Microbiocide for Building and Industrial Cooling Towers and Oil Field Water Flood or Salt Water Disposal System

Solution

COMMERCIAL

REGISTRATION NO. 29757 PEST CONTROL PRODUCTS ACT

GUARANTEE:

Didecyl dimethyl ammonium chloride.....50%

DANGER



POISON



CORROSIVE

READ THE LABEL BEFORE USING

Mud Master Drilling Fluid Services Ltd.
910, 640-5th Avenue SW
Calgary AB T2P 3G4
403-237-8900

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PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

CORROSIVE. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. When handling this concentrate wear goggles or a face shield, chemical-resistant gloves, long pants, a long-sleeved shirt, and shoes plus socks. Harmful or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish and other aquatic organisms. Treatment effluent should not be discharged where it will drain into lakes, streams, ponds, or public water.

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. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

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

Treat symptomatically.

DISPOSAL:

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

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.

BIOCONTROL 260 will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood. BIOCONTROL 260 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required. BIOCONTROL 260 is economical to use because it is concentrated. It should be handled with care.

DIRECTIONS FOR USE:

To control algae and bacterial slimes, use BIOCONTROL 260 as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimize your use of BIOCONTROL 260, follow this procedure.

Recirculating Cooling Towers:

1. Initially use 450 mL/10,000L of water to be treated (20 ppm active quaternary). Should the above dosage not give satisfactory results, use 700 mL/10,000L of water. Repeat the initial dose every seven days or increase the frequency if needed.
2. When the above treatment level is successful, use 240 mL/10,000L of water to maximize efficiency. Repeat weekly as needed. Should slime develop again, go back to initial dosage. Cooling tower waters that are inherently low in algae growth and bacteria count may be adequately controlled by the lower range of these dosages; slug fed every seven days.
3. Dilute the appropriate amount of BIOCONTROL 260 in 4 or 8L of water, then add to the tower. Note, this product weighs 0.93 Kg/L (at 20 deg C). Should tower be heavily fouled, a precleaning is required.

BIOCONTROL 260 has been found to inhibit the growth of Legionella pneumophila (Legionnaires' Disease, Pontiac fever) at the recommended use levels. The inhibition of L. pneumophila is of major public health importance in recirculating water systems (i.e. cooling towers). Oil Field Water Flood or Salt Water Disposal Systems: (Do not apply in Marine or Estuarine Oil Fields)

1. For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10ppm (active) BIOCONTROL 260 (100-200 mL/10,000 L of water) continuously. Levels for effective control will vary depending on conditions at the site.
2. For intermittent use, dose at a rate of 5-20 ppm (active) BIOCONTROL 260 (100-400 mL/10,000 L of water) for 4-8 hours per day, one to four times a week as needed to maintain control. Add BIOCONTROL 260 directly from the drum with the proper type of metering equipment. This product weighs 0.93 Kg/L (at 20 deg C).

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