

2011-4196  
2011-12-20



**ECONO-CIDE**

**B 1000**

**Solution**

TWIN-CHAIN QUATERNARY  
AMMONIUM COMPOUND CONCENTRATE

**EMERGENCY CONTACT:**  
**780-440-6187**

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

COMMERCIAL

GUARANTEE:  
Didecyl dimethyl ammonium chloride . . . . .50.0%

**DANGER**

**POISON**

**CORROSIVE**

READ THE LABEL BEFORE USING

REGISTRATION NO. 26948

PEST CONTROL PRODUCTS ACT

NET CONTENTS : \_\_\_\_\_ L

**Weatherford Engineered Chemistry Canada Ltd.**  
1200, 333-5th Avenue S.W.  
Calgary Alberta T2P 3B6  
780-440-6187

Lot No. \_\_\_\_\_  
ExpiryDate: \_\_\_\_\_

**DIRECTIONS FOR USE:**

To control algae and bacterial slimes, use E CONO-CIDE B 1000 as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors. To optimise your use of E CONO-CIDE B 1000, follow this procedure.

**Recirculating Cooling Towers:**

1. Initially use 450mL/10,000 L 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 240mL/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.

Dilute the appropriate amount of E CONO-CIDE B 1000 in 4 or 8L of water, then add to the tower. Note, this product weighs 0.93 Kg/L (at 20 C).

Should tower be heavily fouled, a pre-cleaning is required.

ECONO-CIDE B 1000 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 -10 ppm (active) E CONO-CIDE B 1000 (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 E CONO-CIDE B 1000 (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.
3. Add ECONO-CIDE B 1000 directly from the drum with the proper type of metering equipment. This product weighs 0.93 Kg/L (at 20 C).

**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.

ECONO-CIDE B 1000 will control algae and bacterial slimes found in recirculating cooling tower waters and oil field water flood. ECONO-CIDE B 1000 helps clean and loosen slime debris from cooling and flooding system surfaces. When used in slug doses, no other microbiocide is required. ECONO -CIDE B 1000 is economical to use because it is concentrated. It should be handled with care.

**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. 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 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.

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 PCP 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.

**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 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 clean -up of spills.

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.