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X-CIDE™ 302

INDUSTRIAL LIQUID BACTERICIDE

Solution

For use in Industrial Processes Only
Not for Domestic Use

READ THE LABEL BEFORE USING

DANGER



CORROSIVE



POISON

ACTIVE INGREDIENT:

N-alkyl-1,3-propanediamine acetate: 21.20%

REGISTRATION NO. 18028
PEST CONTROL PRODUCTS ACT

Net Contents: 18 – 2650 liters

Distributed by:

Baker Hughes Canada Company
GULF CANADA SQUARE, 1000-401 9th Ave. SW
CALGARY, AB T2P 3C5
Telephone Number for Information: (403) 537-3850

EMERGENCY CONTACT (24 HOURS PER DAY) 800-231-3606

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN

DANGER: Corrosive. Causes eye damage. DO NOT get in eyes. Causes skin irritation. Avoid contact with skin and clothing. Wear a long-sleeve shirt, long pants, chemical-resistant gloves, protective eyewear (goggles or face shield),

socks and footwear when handling. Harmful or fatal if swallowed. Do not contaminate food. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish and other aquatic organisms. **DO NOT** discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans or other waters. Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. Not for use in marine or estuarine oilfields.

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 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 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.

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.

STORAGE

Store container in a cool area away from heat or open flames.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction 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.

For returnable containers: **DO NOT** reuse this container for any other purpose. For disposal, this empty container may be returned to a drum reconditioner or destroyed by perforating or crushing.

DIRECTIONS FOR USE

X-CIDE 302 is recommended for use in non-potable type industrial water systems where bacterial slime and corrosion problems exist. Examples of industrial applications are industrial recirculating water cooling systems, oil field and petrochemical water injection systems: oil field producing systems, tanks and disposal systems where the effluent does not drain into streams, lakes, ponds or municipal water systems. X-CIDE 302 is designed to control both aerobic and anaerobic types of bacteria and algae and fungi. Of the aerobic types, it is particularly recommended for the control of so-called "iron bacteria." X-CIDE 302 is very effective in controlling the anaerobic "sulfate reducing" bacteria that are responsible for producing large quantities of hydrogen sulfide.

Apply the product using a closed delivery system such as a dry coupling and/or metering pump. The Baker Petrolite representative will make a specific recommendation for your system. The following are typical treatment schedules:

OIL FIELD AND PETROCHEMICAL SYSTEMS

X-CIDE 302 may be used either in slug treatment or in continuous application. Dosages may vary from 1000 mg/L of X-CIDE 302 in slug application to 50-100 mg/L of X-CIDE 302 in continuous treatment (.05L/1000 Liters equal approximately 50 mg/L). A typical slug treatment is to add 240 mg/L of X-CIDE 302 (240 ppm) at intervals as needed to prevent growth of bacterial slime. Badly fouled systems may be slug treated to establish control, followed by continuous treatment of 50-120 mg/L to maintain control.

INDUSTRIAL RECIRCULATING WATER COOLING SYSTEMS

Dosages for recirculating water cooling towers or evaporative condensers will depend on the condition of the system prior to treatment. Systems which are heavily fouled should be cleaned first. Apply X-CIDE 302 to the cleaned system when regrowth is first noticed according to the following schedule:

Initial Dose: Apply 250 mg/L to X-CIDE 302 (.25L/1000 litres of water) in the system. Repeat the dose once, twice or three times a week until control of growth is established.

Subsequent Dose: When control is evident on a continuous basis, add sufficient X-CIDE 302 to maintain 50 to 100 mg/L into the blow down water (.05 to .1 L per 1000 L).

Apply X-CIDE 302 at a point in the system where it will be uniformly mixed.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offense under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

Rev (03/17)

Read Product Safety Data Sheet prior to use. PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND on the Product Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.