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MAGNACIDE™ 506

INDUSTRIAL BACTERICIDE

SOLUTION

FOR TREATMENT OF OIL FIELD INJECTION WATER SYSTEMS
READ LABEL BEFORE USING

GUARANTEE:

1-Alkyl* 1,3 Propanediamine Diacetate.....37.5%
*(Alkyl groups derived from coconut oil fatty acids)

DANGER

POISON

FLAMMABLE

**CORROSIVE TO
SKIN AND EYES**

DISTRIBUTED BY:
BAKER HUGHES CANADA COMPANY
GULF CANADA SQUARE, 1000-401 9TH AVE. SW
CALGARY, AB T2P 3C5

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

REGISTRATION NO. 20422
PEST CONTROL PRODUCTS ACT

NET CONTENTS: 208 liters

PRECAUTIONS

DANGER: CORROSIVE TO SKIN AND EYES
KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes burns. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical resistant gloves, long pants, a long sleeve shirt, and shoes and socks when handling. Harmful or fatal if swallowed. Avoid contamination of food.

KEEP AWAY FROM HEAT OR OPEN FLAME.

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 water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. 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. Avoid alcohol. CONTAINS 29% METHANOL. Detailed procedures for treatment should be available through Poison Control Centres.

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.

DIRECTIONS FOR USE

This product is particularly effective in killing sulfate-reducing bacteria such as *Desulfovibrio desulfuricans*, as well as slime-forming bacteria. Apply the product using a closed delivery system such as a dry coupling and/or metering pump.

WATER FLOODS AND SALT WATER DISPOSAL SYSTEMS

CONTINUOUS: Using a suitable chemical pump, inject this product at 14-75 ppm (14-75 liters per 1000 cubic meters) at a point of good mixing such as the flowline upstream of the injection point.

BATCH OR SLUG: Inject this product at 75-280 ppm (75-280 liters per 1000 cubic meters) for up to 16 hours once or twice a week, or as needed to maintain control of the system.

COMBINATION: This variation may be needed to combat severe bacterial problems. For example, use weekly batch treatments upstream of filter (at heater treaters, water collection tanks, or flowlines), plus continuous treatment after the filters at 10-35 ppm (10-35 liters per 1000 cubic meters).

DRILLING MUDS, PACKER FLUIDS, AND WORKOVER FLUIDS

While the fluid is being made up, inject this product via a suitable chemical pump at a point of good mixing. Add chemical at a rate of approximately 1440-3360 ppm (1440-3360 liters per 1000 cubic meters).

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feed by storage or disposal. This product is corrosive to mild steel. Do not store or transport in unlined metal containers. Do not use, pour, spill or store near heat or open flame.

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 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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