

2016-1885
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AMA-3251-C

Water Treatment Microbiocide for Oil Field Water
Flood, Fracturing Fluids Work Over
Fluids

Solution

COMMERCIAL

GUARANTEE:

Didecyl dimethyl ammonium chloride 12.5%
Glutaraldehyde25.7%

READ THE LABEL BEFORE USING

REGISTRATION NO. 32306 PEST CONTROL PRODUCTS ACT

DANGER



POISON



**CORROSIVE TO
EYE AND SKIN**

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U.S.A.
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Net Contents:

Batch No:

AMA-3251-C is a microbiocide for use in controlling sulfate-reducing bacteria and preventing the growth of slime forming bacteria in drilling fluid systems, oil field water flood systems-packer fluid, holding tanks and injection waters.

DIRECTIONS FOR USE:

To control algae and to prevent bacterial slimes, use AMA-3251-C as directed. For best results, slug feed. The frequency of addition of microbiocide needed depends on many factors but should remain within the range of rates below. To optimize your use of AMA-3251-C, follow this procedure.

WATER FLOODS

This product should be added to a water flood system at a point of uniform mixing.

Initial Treatment: When the system is noticeably contaminated, add 10 to 600 ppm (on an actives basis) of this product to the system (0.26 to 15.71 Litres of this product per 10,000 Litres flood water). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 10 to 600 ppm (on an actives basis) of this product (0.26 to 15.71 Litres of this product per 10,000 Litres flood water) to the system weekly, or as needed to maintain control.

FRAC FLUIDS

This product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add this product to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole.

Dose Range: This product should be added at a rate 50 to 250 ppm on an actives basis (1.31 to 6.54 Litres per 10,000 Litres), depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUIDS

This product should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 25 to 500 ppm (on an actives basis) of this product (1.04 to 20.81 Litres of this product per 15,900 Litres (100 barrels) of fluid) to a freshly prepared fluid depending on the severity of contamination.

Maintenance Dose: Maintain a concentration of 25 to 500 ppm (on an actives basis) of this product by adding 1.04 to 20.81 Litres of this product per 15,900 Litres (100 barrels) of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

This product should be added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 25 to 300 ppm (on an actives basis) of this product (1.04 to 12.49 Litres of this product per 15,900 Litres (100 barrels) of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal treated packer fluid in the wall between the casing and production tube.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Corrosive to eyes, skin and mucous membranes. Causes severe eye and skin damage. Do not get in eyes, on skin or on clothing. Wear coveralls over long sleeved shirt and long pants, chemical resistant gloves, socks and chemical resistant footwear during mixing, loading, application, clean up and repair. Wear respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (NIOSH approval # prefix TC-23C), or a canister approved for pesticides (NIOSH approval number prefix TC-14G) or a NIOSH approved respirator with an organic vapor (OV) cartridge with any N, R, P or HE prefilter.

Harmful or fatal if swallowed. May be fatal if inhaled. DO NOT inhale spray. 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 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:

Treat symptomatically. 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 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.