BIOCIDE 65

WBM Drilling

Product Description

BIOCIDE 65 is an alkyl Benzyl Ammonium Chloride product utilized as a bactericide in drilling, completion, or work over and packer fluids.

Product Function

BIOCIDE 65 is used as antibacterial, algaecide, fungicide, deodorizing and antistatic agent. It is compatible with cationics, nonionics and amphoterics at proper pH range as well as alkaline and inorganic acids and most miner and organic acids. BIOCIDE 65 will protect polymers, which are susceptible to bacterial degradation. BIOCIDE 65 may also be utilized to control bacteria in injection waters.

Features and Benefits

BIOCIDE 65 is easy to utilize and effective at controlling slime and corrosion caused by micro–organisms in drilling, completion, workover and packer fluids. BIOCIDE 65 is effective against aerobic and anaerobic bacteria. BIOCIDE 65 does not have any affinity for solids; therefore no replenishment is required to offset losses through solids removal equipment.

Recommended Treatment

The normal initial treatment for circulating fluids is 0.1–0.3% where an alkaline pH range is being maintained. Higher dosage rates will be required at neutral pH ranges and where no further circulation takes place i.e. packer fluids. Daily maintenance of 10% of initial treatment is recommended for circulating fluids.

International Shipping References

Transportation of BIOCIDE 65 is regulated under Class 8, Packing Group III.

Standard Packing

BIOCIDE 65 is packaged in 200 kg net HDPE drum and in bulk.

Safe Handling Recommendations

Harmful if swallowed. Irritating to skin and eyes. Please see the Material Safety Data Sheet.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category: BAC
- SG value: 0.98
- pH (1% solution): 6.0 - 8.0
- Active Material: 65 % min
- Total amine value mg (KOH/g): 1-2
- Flash Point: >100 ?C
- Max Temperature: 300
- Category: Biocides
- Product Tier: Regular
- Appearance: Colourless to pale yellow liquid
- Specific Gravity (25 ?C): 0.96 - 0.99
- Alkyl Distribution: Predominantly C12-C14
- Solubility: Soluble in water and glycol

+971 2 610 7000
info@ppc.ae | www.ppc.ae
Abu Dhabi | UAE

PETROCHEM
DRILLING FLUIDS SOLUTIONS
A MAZRUI ENERGY SERVICES COMPANY

Petrochem Performance Chemicals Limited LLC believes in good faith that the information presented in this bulletin is accurate and reliable. No other representation or warranties are given or made in relation to the information or the products of whatsoever nature, and Petrochem Performance Chemicals Limited LLC assumes no responsibility for advice or recommendations made herein or any other information disseminated concerning this product. Petrochem Performance Chemicals Limited LLC will replace or issue credit for the purchase price of any product determined to be defective at delivery. Under no circumstances shall Petrochem Performance Chemicals Limited LLC or its responsible personnel be liable for any special or consequential damages whatsoever.