

BIOCIDE ENV

P1983.1303

WBM Drilling

Product Description

BIOCIDE ENV is a Tetrahydro-3, 5-dimethyl-2H-1, 3, 5-thiadiazine-2-thione product utilized as a bactericide in drilling, completion, or work over and packer fluids.

Features and Benefits

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

International Shipping References

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

Safe Handling Recommendations

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

Typical Physical Properties

- Physical State: Solid
- Max Temperature: 250
- Reservoir Compatible: Both
- Category: Biocides
- Sub Category: Biodegradable
- Product Tier: Regular
- SG value: 1.29
- Appearance: White to grayish yellow free flowing powder
- Odor: Mild Sulphur
- pH: 7.0 max
- Bulk Density: 0.6 - 0.8
- Solubility in water: Insoluble
- Melting Point: 103 - 105 °C

Product Function

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

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.

Standard Packing

BIOCIDE ENV is packaged in 25 kg net HDPE bag.

+971 2 610 7000

info@ppc.ae | www.ppc.ae

Abu Dhabi | UAE



DRILLING FLUIDS SOLUTIONS
A MAZRAI 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.