BIOCIDE ENV

P1983.1303

WBM Drilling

Product Description

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

Product Function

BIOCIDE ENV 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 ENV will protect polymers, which are susceptible to bacterial degradation. BIOCIDE ENV may also be utilized to control bacteria in injection waters.

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.

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 ENV is regulated under Class 8, Packing Group III.

Standard Packing

BIOCIDE ENV is packaged in 25 kg net HDPE bag.

Safe Handling Recommendations

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

Typical Physical Properties

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

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