Product Bulletin

TRUGUARD C

P1241.2102

WBM Drilling

Product Description

TRUGUARD C is a low molecular weight, highly cationic liquid polyamine used as shale inhibitor in high-performance water-based drilling fluid.

Features and Benefits

TRUGUARD C protects water sensitive shales and clays by decreasing the shale's tendency to absorb water, swell and sloughoff. TRUGUARD C improves borehole stability and helps promote gauge hole. TRUGUARD C Reduces accretion potential and consequently bit balling. TRUGUARD C Inhibit shale effectively with minimal viscosity and filtration loss increasing, control the clays dispersing.

International Shipping References

Transportation of TRUGUARD C is not restricted by any regulatory agency.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Utilize appropriate respirator, gloves, goggles and apron. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Liquid
- Max Temperature: 0
- Reservoir Compatible: Both
- Category: Shale Inhibitors
- Sub Category:
- Product Tier: Regular
- SG value: 1.1
- Specific Gravity (25 ?C): 1.10 ± 0.10
- Viscosity (neat) @ 25 ?C: 120 cP max
- pH (1% solution): 4 - 11
- Flash Point: >100 ?C
- Freezing Point: -7 ?C
- Solubility in water: Infinite
- Appearance: Colourless to amber colour liquid

Product Function

TRUGUARD C functions primarily as a shale inhibitor or encapsulator. TRUGUARD C can also be used as a clay stabilizer in workover and completion fluids, fracturing fluids and acidizing treatments.

Recommended Treatment

A typical dosage rate is 1.0 – 3.0 % v/v as supplied. However, dosage rates of 3.0 – 6.0 %v/v may be required depending upon the reactivity of the shale and the amount of shale to be drilled.

Standard Packing

TRUGUARD C is supplied in bulk, 275 gal. Non-returnable semi-bulk containers or 55 gal. non-returnable plastic drums.

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

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