PHPA L

P1205.9307

WBM Drilling

Product Description

PHPA™ L is an emulsion of a high molecular weight partially hydrolyzed polyacrylamide polyacrylate (PHPA) in mineral oil.

Product Function

PHPA™ L copolymer emulsion is used to stabilize reactive clay and shale formations. PHPA™ L provides high degree of clay and shale inhibition in conjunction with sodium and potassium chloride in fresh water and sea water muds.

Features and Benefits

PHPA™ L functions as an inhibitor by coating or encapsulating formations and cuttings. PHPA™ L restricts the interaction of water with hydra table and dispersible shales. PHPA™ L minimizes the occurrence of tight hole and washouts as well as preventing bit and stabilizer balling. PHPA™ L can be used as a flocculant in clear water drilling PHPA™ L provides lubricity in low pressure conditions. PHPA™ L is stable in monovalent salt such as NaCl, KCl etc.

Recommended Treatment

A concentration of 1–4 lbs/bbl (2.8–11.4 kgs/m^3) is added to the mud system as required. An excess should always be available to react with wellbore and the cuttings generated. The actual amount added will depend upon the solids content of the drilling fluid and the reactivity of the formations to be drilled.

International Shipping References

Transportation of PHPA™ L is not restricted by any regulatory agency.

Standard Packing

PHPA™ L is packaged in HDPE pail containing 25 kgs net weight.

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
- Reservoir Compatible: Non-Reservoir
- Sub Category: Encapsulator
- SG value: 1.06
- Active Material: 35 min
- Flash Point: >65 ?C
- Max Temperature: 350
- Category: Shale Stabilizers
- Product Tier: Regular
- Appearance: Opaque cream coloured viscous liquid
- Specific Gravity (25 ?C): 1.05 - 1.07

+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.