FORMIC ACID

P2218.1903

WBM Drilling

Product Description

FORMIC ACID is a liquid organic acid that is easily dissolved in fresh water, Sea water or completion brine. Together with other mud cake breaker chemicals it is used to prepare treatment fluids for water-based mud damage or acidizing carbonate formations.

Product Function

FORMIC ACID is used in combination with Enzyme-based Breaker. It works from low to high downhole temperatures. Enhances Production by drastically reducing mud cake cleanup time by consuming the calcium carbonate in the mud cake.

Features and Benefits

FORMIC ACID is used for mud cake clean-up (consuming calcium carbonate, and acid soluble materials) It is readily biodegradable. It is Less corrosive than most inorganic acids

Recommended Treatment

Treatment levels are determined by specified requirements.

International Shipping References

UN No. : 1779 IMCO Class No. : 8 (3) Packaging Group : II Risk Phrases : R10 Flammable, R 34 causes burns CAS No. : 64-18-6

Standard Packing

FORMIC ACID is packaged in 5 gal & 55-gal HDPE drum or as per request.

Safe Handling Recommendations

FORMIC ACID is corrosive and flammable and, as such, requires special storage and handling considerations. FORMIC ACID causes severe chemical burns to eyes and skin. Use proper personal protective equipment (PPE) when handling the product. Train all personnel on the hazards of FORMIC ACID prior to handling. Use product in areas with appropriate ventilation. Keep product vapor away from heat, flame and ignition sources. Use proper electrical grounding when loading, unloading and transferring product. Wear personal protective equipment to prevent contact with skin and eyes as well as inhalation of product vapors.

Typical Physical Properties

- Physical State: Liquid
- Reservoir Compatible: Both
- Sub Category: Organic Acid
- SG value: 1.195
- Odor: Pungent
- Boiling Point: 107.3°C
- Specific Gravity (20 ?C): 1.195
- Max Temperature: 350
- Category: Breaker Additives
- Product Tier: Regular
- Appearance: Clear liquid
- Solubility: Soluble in water, ethanol, glycol
- Vapor pressure at 20°C [68°F]: 24.2 hPa

+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.