CS-GBC-1

P2202.1404

WBM Drilling

Product Description

CS-GBC-1 is a liquid that is readily dissolved in fresh water, Sea water or completion brine together with other Arcasolve chemicals to produce ORCA for WBM acidizing or combined with polymer breaking fluids.

Product Function

CS-GBC-1 increases the rate of acid production from acid precursor chemicals incorporated in ORCA WBM formulations. It is compatible with Clensorb polymer breakers, such as starch, cellulose or Xanthan breaker enzymes for simultaneous downhole acidizing and polymer breaker treatments. It also buffers the PH of oilfield brines in to the range where these polymer breaker enzymes are effective. It is used in a wide range of down hole stimulation and completion applications, particularly at higher down hole temperatures.

Features and Benefits

Highly Soluble in and compatible with a wide range of completion brine types and brine densities. Nonhazardous for transportation purposes; low hazard for handling and use. Low environmental impact and high biodegradability.

Recommended Treatment

Typically used at up to 2% w/v dissolved in completion brine for most applications although higher concentrations can be used if required. Contact supplier for specific guidance on ORCA for WBM formulations for particular applications.

International Shipping References

Transportation of CS-GBC-1 is not restricted by any regulatory agency. CS-GBC-1 is stable for at least 1 year If stored in the sealed containers as supplied and out of direct sunlight to avoid overheating.

Standard Packing

CS-GBC-1 is supplied in 250 kg net plastic drums or 1000 kg (net) IBC s as required.

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: Reservoir
- Sub Category: Catalyst
- SG value: 1.58
- pH: 9 - 10
- Solubility (20?C): Completely miscible with water and brines
- Max Temperature: 350
- Category: Breaker Additives
- Product Tier: Regular
- Appearance: Clear liquid free from suspended matter
- Density: 1.58

+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.