

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.

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.

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.

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

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.

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.

Standard Packing

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

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