

TECHNICAL DATA SHEET

Calcium Bromide Liquor

Calcium Bromide Liquor is a single-salt solution, ready-to-use, to form clear brine workover and completion fluids that require densities from 1,007 to 1,702 kg/m³ (8.4 to 14.2 lb/gal).

Typical Physical Properties

Appearance	Clear Liquid
Assay (%)	52.0 min
Specific gravity @ 25°C (g/cm³)	1.70 min
pH, 5% aqueous solution	6.0 - 8.0
Chloride (%)	1.0 max

Application

Calcium Bromide Liquor is used during workover and completion operations to provide a clear brine fluid at a density up to 1,700 kg/m³ (14.2 lb/gal). It provides inhibition, preventing the hydration and migration of swelling clays, and can be used as packer fluids or to adjust the density of other brine systems. It may also be used in the aqueous phase of invert emulsion systems

Recommended Handling

All personnel handling this material must handle it as an industrial chemical, wearing protective equipment and observing the precautions as described in the Safety Data Sheet (SDS).

Packaging and Storage

Packed in 200L HDPE drum or 1,000 Litres IBC (Tote tank).

Store in dry, well-ventilated area. Keep container closed. Keep away from heat, sparks and flames. Store away from incompatibles. Follow safe warehousing practices regarding palletizing, banding, shrink-wrapping and /or stacking.

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