

TECHNICAL DATA SHEET

52% Calcium Bromide Solution

Calcium Bromide Solution is a single-salt solution, ready-to-use, to form clear brine workover and completion fluids that require densities ranging from 1007 to 1702 kg/m³ (8.4 to 14.2 lb/gal).

Typical Characteristics

Parameter	Specification
Appearance	Clear liquid
Assay (%)	≥ 52
Specific gravity @ 25°C (g/cm ³)	≥ 1.70
pH, 5% aqueous solution	6.0 – 8.0
Chloride (%)	≤ 1

Application

- 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
- Helps avoid oil-bearing layer pollution and increase production, effectively improving the oil recovery rate and extending oil production period
- Used in the aqueous phase of inverted emulsion systems

Packaging and Storage

Packaged in 1700 kg drum.

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.

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).

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