

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 from 1,007 to 1,702 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

Calcium Bromide Solution 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.

Packaging and Storage

Packed in 200 Litre HDPE drum or 1000 Litre 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.

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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