

TECHNICAL DATA SHEET

96% Calcium Bromide Powder

Calcium Bromide Powder is a ready-to-use white powder to form clear-brine workover and completion fluids with densities ranging from 1007 to 1833 kg/m³ (8.4 to 15.3 lb/gal). It is intended for use where the cost of transporting Calcium Bromide Solution makes its use uneconomical.

Typical Characteristics

Parameter	Specification
Appearance	White powder
Assay (%)	≥ 96
Chloride (%)	≤ 1.0
Moisture (%)	≤ 3.0
pH, 5% aqueous solution	6.5 – 8.5

Application

- Used to achieve rapid density increase with minimum volume addition
- 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
- Can be used to formulate single salt brines or in combination with other dual valency salts to form brines of the required density

Packaging and Storage

Packaged in 25 kg bag.

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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