

TECHNICAL DATA SHEET

45% Sodium Bromide Solution

Sodium Bromide Solution is used to form clear-brine workover and completion fluids for densities ranging from 1007 to 1498 kg/m³ (8.4 to 12.5 lb/gal). These fluids are used where formation waters contain high concentrations of bicarbonate and sulfate ions.

Typical Characteristics

Parameter	Specification
Appearance	Clear liquid
Assay (%)	≥ 45
Specific gravity @ 25°C (g/cm ³)	≥ 1.45
pH, 5% aqueous solution	5.5 – 8.5

Application

Sodium Bromide Solution is used as a completion and workover fluid either by itself or with sodium chloride, bromide, or with zinc bromide. Operational fluids for offshore oil wells, such as well finishing liquid, well repair liquid, stationary liquid etc. Its main advantage is in formations containing carbonate and/or sulfate ions which give rise to precipitation in the presence of other multivalent completion or workover fluids.

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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