Solent Chemicals
Solutions for a better tomorrow

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/m^3 (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

- 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.
- Superior in formations containing carbonate and/or sulfate ions - the presence of other multivalent completion or workover fluids will give rise to precipitation

Packaging and Storage

Packaged in 1450 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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