

## Sodium Bromide Brine

Sodium Bromide (NaBr) is used to form clear-brine workover and completion fluid for densities ranging from 8.4 to 12.5 lb/gal (1007 to 1498 kg/m<sup>3</sup>). These fluids are used where formation waters contain high concentrations of bicarbonate and sulfate ions.

### Typical Physical Properties

Appearance	Clear Colourless Liquid
Assay, %	45.0 min
Specific Gravity @ 25°C	1.45 min
pH @ 5% DI water	5.5 - 8.0

### Application

Sodium Bromide 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.

### 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 Material Safety Data Sheet (MSDS).

### 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.

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