

Description

Sodium Bromide (NaBr) liquid is a single salt used to form clear-brine workover and completion fluids. These fluids are used where formation pressures require densities from 8.4 to 12.8 lb/gal (1,007 to 1,534 kg/m) or where the formation waters contain high concentrations of bicarbonate and sulfate ions. NaBr can be mixed with NaCl to obtain densities up to 12.8 lb/gal (1,534 kg/m). NaBr/NaCl systems are more economical than pure NaBr solutions.



Packing: 300 kg drums / 1500 kg IBC

Application:

Sodium bromide is used to prepare dense fluids used in oil wells, Because of its density, sodium bromide is used as a completion, work-over and packer fluid in oilfield applications. Sodium Bromide is a pesticide used in formulating liquid sodium bromide microbicides for the control of algal, bacterial and fungal slimes in industrial water treatment as well as municipal wastewater applications

Advantages:

- It is non-damaging to the formation,
- It is thermally and chemically stable,
- It can be blended with other solutions of bromides and chlorides, and
- It is especially useful when used in formations that are known to have calcium sensitivity.

Physical & Chemical Properties

Parameter	Specification
Appearance	Clear colorless liquid or Color light yellow Transparent
Assay (As NaBr ₂) (By Titration)	NLT 45 % w/w
Density 25°C	NMT 1.50 gm/ cm ³ or 12.52 lb / gal.
PH (10 % Solution @ 25°C)	6.5 to 7.5
Solubility in water	Complete
Viscosity	2.4cp
Specific Gravity	1.470 to 1.510 gm/ml

Please Note: Several factors will dictate the most appropriate concentration rate. Please contact your nearest AMC representative for optimum results.

