

Calcium Bromide Solution

Calcium Bromide Solution 52% is used as a completion and workover fluid to control wellbore pressures in upstream oil & gas operations. It can be used alone or mixed with calcium chloride and/or zinc/calcium bromide to achieve a clear, solids-free fluid over a wide range of densities and crystallization temperatures.

Typical Physical Properties

| Properties | Specification |
|---|-------------------------|
| Assay, CaBr ₂ , (w/t,%) | ≥52 |
| Appearance | Colorless, clear liquid |
| Odor | No odor |
| Chloride (Cl), (w/t,%) | ≤0.1 |
| Turbidity, (NTU) | ≤6 |
| Sulphate, (w/t,%) | ≤0.01 |
| Iron (Fe), ppm | ≤5 |
| Total Heavy Metals(Zn, Pb, Hg,As,Cd), ppm | ≤5 |
| Density (@20.1℃), g/mL | ≥1.7 |
| pH(10% solution) | 7.0-8.5 |
| TCT, °C | ≤-12.2 |
| Solids retained on 5 Microns filter paper | None |

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).



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Packaging and Storage

Packed in 1000 liter IBC 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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