

Technical Data Sheet

CalSaf® *High Density Brine Additive*

Typical Physical Properties

Appearance.....Clear to Amber Liquid
 Specific Gravity.....1.02 - 1.05
 Flash Point.....200°F

Benefits & Applications

- Eliminates the formation of damaging precipitates caused by contact with carbon dioxide
- Keeps fines and clay dispersed preventing agglomeration due to high salinity
- Maintains a low pH environment which prevents precipitation of calcium scales
- Leaves formation water wet to prevent emulsion and/or water blockage
- Works to restore or maintain original permeability of pore structure for improved productivity

Packaging:

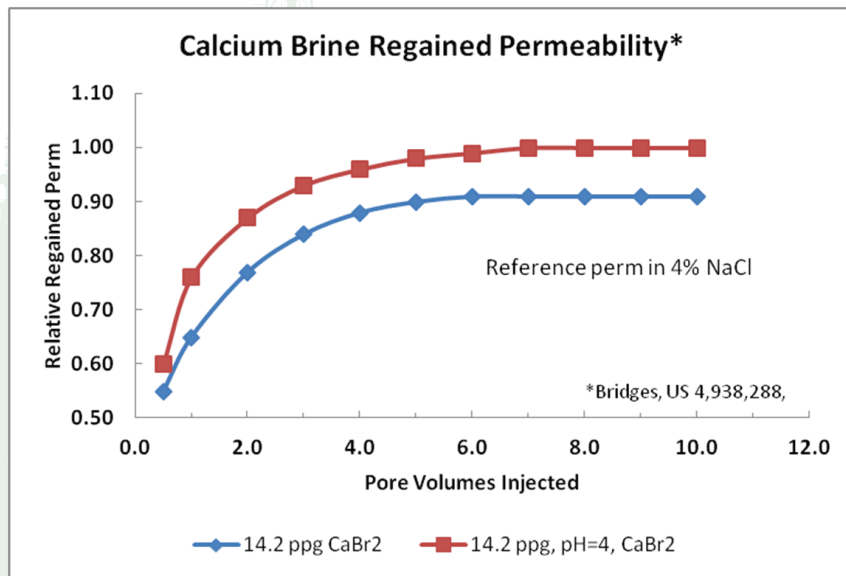
CalSaf® is available in 55-gallon drums (208-liter) and 5-gallon pails (19-liter).

Product Description

When added to high density calcium chloride or calcium bromide brines, CalSaf® eliminates the formation of damaging precipitates caused by contact with carbon dioxide. CalSaf® also helps disperse other forms of downhole debris from fines, clays, and the like, while maintaining water wettability of the formation.

Treatment Recommendation

CalSaf® is added to calcium brines at a loading of 1 - 2 gallons per thousand gallons. Higher loadings may be required if downhole fluids have unusually high alkalinity.



DISCLAIMER

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