

## Calcium Chloride Brine

Calcium Chloride Brine is used in completion, workover, and gravel packing, perforating and packer fluids, of densities in the range of 11.67 lb /gal (1398 kg /m<sup>3</sup>). Calcium chloride is also widely used as the internal phase in non-aqueous fluids.

### Typical Physical Properties

Appearance	Clear Colourless to Pale Greenish Liquid
Assay, %	40.0 min
Specific gravity (25°C)	1.40 max
pH @ 5% DI water	8.0 - 9.0

### Application

Calcium Chloride is used as soluble weighting agent in brine and workover fluids to a density of 11.67 lb/gal (1398 kg/m<sup>3</sup>). It is also used to provide osmotic control in non-aqueous fluids, to stabilize reactive clay formations, as a cement accelerator and as a source of calcium in calcium inhibitive systems.

### 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 Litres HDPE drum or 1000 Litres 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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