

TECHNICAL DATA SHEET

94% Calcium Chloride Powder

Calcium Chloride Powder is a ready-to-use white powder. It is non-toxic, odourless, extremely hygroscopic and easily soluble in water to form a slightly acidic solution. It can be used to form clear-brine workover and completion fluids with density of 1398 kg/m³ (11.67 lb/gal).

Typical Characteristics

Parameter	Specification
Appearance	White powder
Assay (%)	≥ 94
Chloride (%)	≤ 3.0
Impurity (%)	≤ 1.0
Moisture (%)	≤ 0.5
Mesh	40 – 80

Application

- Used in oil drilling, drilling fluid, completion fluid and as a petrochemical dehydrating agent
- Can be added to lower-density mixed brine solutions to increase the brine density
- Used to achieve rapid density increase with minimum volume addition
- Provides inhibition, preventing the hydration and migration of swelling clays and can be used as packer fluids

Packaging and Storage

Packaged in 25 kg bag.

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.

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 Safety Data Sheet (SDS).

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