Product
Bulletin

CALCIUM CHLORIDE L

P1654.1704

WBM/OBM Drilling

Product Description

A clear brine fluid, Calcium Chloride (CaCl2) solution is used as single salt brine.

Features and Benefits

Calcium Chloride Brine is presented in densities ranging from 8.4 lb/gal to 11.6 lb/gal. Calcium Chloride Brine is used to weight up the overall density of drilling fluid. Calcium Chloride Brine is used as drilling fluid, completion or work over fluids to a maximum density of 11.6 lb/gal (~1.39 SG).

International Shipping References

Transportation of Calcium Chloride Brine is not restricted by any regulatory agency.

Safe Handling Recommendations

Utilize normal precautions for employee protection when handling chemical products. Use of appropriate respirator, gloves, goggles and apron is recommended for employee comfort and protection. Refer to the Material Safety Data Sheet (MSDS) for this product prior to use.

Typical Physical Properties

- Physical State: Liquid
- Max Temperature: 350
- Reservoir Compatible: Both
- Category: Brines
- Sub Category:
- Product Tier: Regular
- SG value: 1.4
- Specific Gravity: 1.40 ± 0.02

Product Function

Calcium Chloride Brine has application in water base drilling and completion fluids and in the water phase of invert emulsion drilling fluids. Calcium Chloride Brine reduces formation damage caused by solids, dispersed clays and clay swelling. Calcium Chloride Brine can be used in combination with other divalent brines such as calcium bromide or Zinc bromide to reach desired densities

Recommended Treatment

Calcium Chloride granules / flakes/ powder can be mixed quickly through the hopper. As saturation is approached, add more slowly to avoid settling in the tanks. Recommended to used as per salt table to reach desired density.

Standard Packing

Calcium Chloride Brine is packaged in 1000 lit, 1200 lit HDPE IBC tote tank. or in drums and bulk as required.

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