



Description

Sodium Chloride with chemical formula of NaCl, is a pure grade of sodium chloride salt. It is widely used as weighting agent in water-based muds, oil-based muds, completion fluids and work-over fluids. The minimum purity of Sodium Chloride is 97%.

Application

- Sodium Chloride is widely used in drilling fluid industry as weighting agent to adjust the density of muds up to 10.0 lb/gal (1.2 S.G).
- Low-density completion or work-over fluid are preferably prepared using Sodium Chloride due to its availability and low-cost.
- In drilling salt layers, using muds with high content of dissolved Sodium Chloride is highly recommended.
- Using Sodium Chloride increases shale inhibition of muds with lowering Cation Exchange Capacity.

Advantages

- High purity
- High solubility in water
- Very common Product
- Cost effective

TREATMENT

Saturated Sodium Chloride brines can be prepared up to density of 10.0 lb/gal (1.2 S.G).

Typical Properties

| | |
|------------------|---------------|
| Appearance | White Crystal |
| Specific Gravity | 2.16 |
| Purity | > 97% |
| pH (8% Solution) | 6-8 |
| Solubility | 36 |

Packaging

Sodium Chloride is available in 1 MT Big bags.