



# Technical Data Sheet

## NaCl Brine

### *Product Description*

**NaCl Brine** This product is intended for use in oil and gas well drilling and workover operations where clear fluids are not needed for pay zone protection and the downhole pressure is not too great for sodium chloride brine. Drilling fluids, are fully saturated with salt, will not be absorbed into or dissolve underground salt deposits during drilling.

#### Applications:

This material is a fully saturated liquid brine provides inhibition preventing the hydration of swelling clays; achieve density increases with minimal volume addition.

#### Treatments:

Use mixing tables to obtain desired density and water activity.

### KEY BENEFITS

- Densities range from 10.0 lb/gal
- Provides inhibition in oil-base muds.
- Provides weighted completing fluids for better well-bore stability
- pH ranges from 6.0 - 7.5

#### Key Properties

|               |           |
|---------------|-----------|
| Color         | Colorless |
| Physical Form | liquid    |
| Sg            | 1.2       |
| Packaging     | Per bbl   |

#### ATTRIBUTE TYPICAL

|                   |             |
|-------------------|-------------|
| Saturation        | 100 degrees |
| Weight per Gallon | 10 ppg      |
| Water (%)         | 74%         |
| NaCl (%)          | 26%         |