



TECHNICAL DATA SHEET
April 1, 2011

SODIUM CHLORIDE
Concentrate

Description:

SODIUM CHLORIDE (NaCl) is added to drilling fluids to increase their salt content.

Application:

SODIUM CHLORIDE is primarily used in formulating saturated salt-water muds. Additions of salt are sometimes made to water-base muds to adjust the resistivity for logging purposes. Evaporated salt is normally recommended for use in clear brines. **SODIUM CHLORIDE** is used to maintain the density of salt water systems up to 10.0 PPG and to build additional volumes of fluid on location by weighting fresh water to the desired density. NaCl completion fluids are used in wells with high carbonate concentration to eliminate the formation damage caused by the precipitation of calcium carbonate when calcium brine is used.

SODIUM CHLORIDE is readily soluble and easily mixed through the hopper. To saturate fresh water, 125 pounds per barrel should be used.

Packaging:

SODIUM CHLORIDE is packaged as follows:

Rock	100 lb. sacks
Evaporated	80 lb. and 100 lb. sacks