

Soda Ash



TECH DATA SHEET

PRODUCT DESCRIPTION:

SODA ASH, or sodium carbonate (Na_2CO_3), is a weak base that is soluble in water and used extensively to precipitate various types of calcium-hardness contaminations in water base drilling fluids. When added to a drilling fluid system, it increases the pH of the fluid by hydrolysis and aids in primary and secondary viscosifier hydration.

APPLICATIONS AND USE:

Prior to making bentonite additions to the mud system, add 1 – 2 vis cups to the makeup water to treat out hardness. If drilling in an area of high hardness, additional Soda Ash may be necessary. Testing of the makeup water is recommended to determine the degree of treatment required.

PRODUCT ADVANTAGES:

- Easy to mix and use
- Economical method to increase pH
- Maximizes yield of drilling fluid



PHYSICAL PROPERTIES:

Appearance:	Powder
pH	11.4
Density, SG:	2.5

PACKAGING:

SODA ASH is packaged in the following units of measure:

- 5-gallon buckets (50 lbs/bkt)
- 50 lb. bag
- 4 lb. canisters