

SODA ASH

SODIUM CARBONATE

DESCRIPTION:

SODA ASH is the common name for sodium carbonate, which separates calcium into sodium and carbonate ions in solution.

RECOMMENDED USE

SODA ASH is used to raise the pH of make-up water for bentonite drilling fluids by precipitating the soluble calcium.

ADVANTAGES

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

MIXING AND APPLICATIONS

SODA ASH should be added slowly through a hopper or chemical barrel. When using a barrel, mix SODA ASH into a full barrel of freshwater and provide adequate agitation. Add SODA ASH until pH of 8.5-9.5 is obtained. Suggested ratio is 0.33 to 0.5 lb per 100 gallons water.

CHARACTERISTICS

Physical Appearance	White Powder
pH (1 % solution)	11.4
Specific gravity	2.51
Solubility	51 g/100 ml at 86 °F/30 °C

PACKAGING

50 lb bags, 56 per pallet. All pallets are plastic-wrapped.