

# 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.