

# 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 and polymer drilling fluids by precipitating soluble calcium. Using SODA ASH will increase the performance of bentonite and polymer drilling fluids.

### ADVANTAGES

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

### CHARACTERISTICS

#### PACKAGING

50 lb (22.7 kg) bags, 49 per pallet or 50 lb (22.7 kg) pails, 32 per pallet. All pallets are plastic-wrapped.



### MIXING AND APPLICATION

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

### MIXING AND APPLICATION

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 (0.25 kg to 0.5 kg per 380 liters) water.



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