

# 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

### 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 fresh-water and provide adequate agitation. Add SODA ASH until pH of 8,5-9,5 is obtained.

Suggested ratio is 0,3 kg to 1,5 kg per 1000 liters water.

### CHARACTERISTICS

#### PACKAGING

20 kg bags, 50 per pallet, or 25 kg bags, 40 per pallet, or 1 ton big bags. 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 30°C