

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 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.

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) |

CHARACTERISTICS

PACKAGING

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

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