



# Soda Ash

**Description:** Soda ash, a dry white powder, which separates calcium into sodium and carbonate ions in solution. Soda Ash is used to pre-treat the mix water prior to adding Shore Pac<sup>®</sup> foundation drilling slurry.

**Recommended Use:** Soda ash is used to raise the pH of make-up water for Shore Pac<sup>®</sup> polymer slurry increasing the performance of the Shore Pac<sup>®</sup> by 100%. Bentonite drilling fluids also benefit greatly with the use of Soda Ash by precipitating the soluble calcium and raising the pH.

**Advantages:**

- Easy to mix and use.
- Economical method to increase pH.
- Maximizes yield of drilling fluid.
- Safe dry whiter powder

**Mixing and Applications:** Soda ash should be added slowly through a Venturi Mixing Hopper. Add soda ash until pH of 9.0 – 10.0 is obtained. Suggested ratio is 5-6 lbs. per 1000 gallons of mix water. Always add Soda Ash 1<sup>st</sup> into mixing tank. Example; for a 20,000 gallon mixing tank add 100 lbs Soda Ash, then begin to add the Shore Pac<sup>®</sup>.

<b>Characteristics:</b>	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. multi-wall, water-resistant bags, 49 bags per pallet; 50 lb. pails, 32 pails per pallet. All pallets are plastic-wrapped.