



Soda Ash

Make-Up Water Treatment

Description

Soda Ash (Na_2CO_3) is used to treat calcium hardness and low pH in drilling fluid make-up water. Soda Ash binds to the excess calcium and precipitates it out of solution while raising the pH of the make-up water. This benefits the mixing of sodium bentonite gels and many drilling fluid additives that react poorly to excess calcium and low pH.

Characteristics

- Soda Ash is an easy mixing white dry powder
- Mix Soda Ash through the hopper prior to mixing bentonite to treat the make-up water
- Soda Ash can also be mixed directly into water delivered to the location by adding to the water tank or frac tank prior to filling with fresh water.
- The addition of Soda Ash to hard water will improve bentonite hydration and speed mixing times

Mixing Dosage Rates

- Mix Soda Ash at a rate of 1 to 2.5 lbs. per 1000 gallons of fresh water

Packaging

Soda Ash is available in 50 lb. pails