



SODA ASH

DESCRIPTION

Sodium Carbonate anhydrous (Na_2CO_3) commonly known as Soda Ash, is a chemical compound of 99.7% purity.

PROPERTIES

Physical		Chemical	
Appearance:	White odourless powder	Type:	Chemical Compound
Specific Gravity:	2.53	Solubility:	Soluble (18% @ 21°C)
Bulk Density:	1073 kg/m ³	pH:	Not determined
Moisture Content:	0.04%	Microtox:	Not applicable
Flash Point:	Not available		

APPLICATION

Soda Ash is used to precipitate calcium in make-up water or while drilling anhydrite stringers. Provided the saturation level of the calcium salt has not been exceeded, the amount of Soda Ash required to treat out the calcium can be approximated by:

350 mg/l Calcium ions requires 1.0 kg/m³ of Soda Ash.

Over-treatment with Soda Ash can result in carbonate alkalinity and consequent excessive gel strengths and problems due to increased fluid loss.

MIXING AND HANDLING

Soda Ash is added directly through the mud mixing hopper. It should be stored in a cool, dry place. Avoid contact with strong acids in confined areas.

Avoid inhalation of dust or contact with the eyes. If contact is made, rinse thoroughly with water for 15 minutes and seek medical attention if necessary. It is advisable to use a dust mask and eye protection while mixing all powdered products.

WHMIS: Controlled (see MSDS)	TDG: Not regulated	PACKAGING: 25-40 kg sack
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