
SODA ASH

DESCRIPTION Sodium Carbonate (Na_2CO_3) commonly known as Soda Ash, is a chemical compound having a pH of 11.7

Physical and Chemical Properties:

Appearance and Odour:	White powder or crystal, odourless
Specific Gravity:	2.533
Solubility in Water:	18% w/w (21 C)
pH:	11.7 (15% solution @ 23 C)

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.

Soda Ash can also be used to neutralize small acid spills.

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.

WHMIS	Controlled (See MSDS)
TDG	Not Regulated
PACKAGING	25 or 40 kg sack

NOTE: See disclaimer for supplier responsibility.