

SODA ASH

CALCIUM SEQUESTER

SODA ASH is the common name for Sodium Carbonate (Na_2CO_3). SODA ASH is used primarily to remove calcium from make-up water and to treat calcium contamination, mainly from drilling anhydrite.

FEATURES AND BENEFITS:

- Effectively removes calcium ions
- Increases the alkalinity and reduces calcium hardness, therefore increasing the yield of bentonite and many polymers.

Over-treatment of SODA ASH may result in excess carbonate, detrimental to bentonite drilling fluids.

RECOMMENDED TREATMENT: as required

0.75-1.0 kg/m³ (typically)

1.0 kg/m³ SODA ASH removes ~350 ml/L Calcium ion

PHYSICAL PROPERTIES:

Appearance:	White powder
Specific Gravity:	2.533
Solubility:	Slightly soluble
pH:	11.3

MIXING/HANDLING:

Mix slowly through a conventional jet hopper; may be added directly to the tanks under certain circumstances. Refer to the SDS for specific handling requirements.

MICROTOX® THRESHOLD: TBD

Under the ERCB Directive 050, over-use of SODA ASH may detrimentally affect salinity requirements (EC, SAR).

PACKAGING: 25 kg bag / 56 bags/pallet
22.7 kg pail / 32 pails/pallet