

ChemSol

DRILLING FLUID PRODUCTS

SODA ASH

PRODUCT DESCRIPTION

Soda Ash is used to treat most types of calcium ion contamination in freshwater and seawater drilling muds. In addition, Soda Ash is used to increase pH levels and in flocculating spud muds.

RECOMMENDED TREATMENT

In order to treat calcium out of makeup water, multiply the total hardness of the water used (mg/l) by .0004 to find the proper amount (ppb) of Soda Ash to add. Soda Ash may be added to the chemical barrel or mud hopper. To avoid caking of the material always add Soda Ash to water as opposed to adding water to Soda Ash. Do not mix Soda Ash and Caustic Soda together.

PRODUCT ADVANTAGES

- Beneficial for removing calcium in most drilling fluids.
- Chemical concentration of material allows for small treatment levels.
- Economical and readily available material for increasing pH while treating calcium.
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TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES

Physical Appearance:	White Powder
Specific Gravity:	2.50
pH (1% Solution):	11.4
Solubility @ 86° F:	51 g/100ml water

PRODUCT HANDLING

Review all product specification and MSDS information prior to product application. Utilize chemical handling equipment and personal protection apparel (i.e. goggles & gloves) as specified in product MSDS when handling this material. Avoid inhalation and direct contact with eyes.

STORAGE

Store Soda Ash in dry conditions and prevent exposure to moisture.

PACKAGING

Soda Ash is available in 50lb multi-wall bags, bulk bags, and bulk hoppers.