

ChemSol

DRILLING FLUID PRODUCTS

CAUSTIC SODA

PRODUCT DESCRIPTION

Caustic soda is used in most water-base muds to increase and maintain pH and alkalinity. It is a hazardous material to handle because it is very caustic and gives off heat when dissolved in water.

RECOMMENDED TREATMENT

Caustic Soda should be added slowly into the chemical barrel where it is dissolved into an aqueous solution. The amount of caustic soda needed per application is dependent on several factors such as the desired pH of the drilling fluid, types of other additives in the drilling fluid system, and the total volume of fluid required for the specific formation.

PRODUCT ADVANTAGES

- Economical source for pH control.
- Can be used in a wide variety of mud systems.
- Highly soluble and easily mixed into the mud system.

TYPICAL CHEMICAL SPECIFICATION AND PROPERTIES

Physical Appearance	White Beads or Granules
Assay:	≥99%
pH (1% Solution):	13.0

PRODUCT HANDLING

Review all product specification and MSDS information prior to handling this material. Handle using protective chemical equipment and clothing as listed in the MSDS (Section. 10). This product can cause severe burns and irritation to exposed skin and eyes. Use extreme caution and proper procedure when handling this material.

STORAGE

Store Caustic Soda in a well ventilated area, free of exposure to moisture.

PACKAGING

Caustic Soda is available 50lb dual poly-lined multi-wall sacks.