



CAUSTIC SODA

DESCRIPTION

Caustic Soda or Sodium Hydroxide (NaOH) is generally available in a white pelletized form.

PROPERTIES

Physical		Chemical	
Appearance:	White pellets odourless	Type:	Sodium Hydroxide
Specific Gravity:	2.13	Solubility:	100% Soluble (water)
Bulk Density:	1169 kg/m ³	pH:	13.0 (1% solution)
Flash Point:	Not applicable	Microtox:	Not applicable

APPLICATION

Caustic Soda is a strong alkali used to increase the pH and alkalinity of the liquid phase. For a given pH, the amount needed is affected by many drilling additives and formation related factors.

MIXING AND HANDLING

Caustic Soda is a strong alkali and produces a strong basic solution. The reaction with water generates heat. Caustic Soda will cause severe burns and skin/eye contact is to be avoided at all times. To avoid contact, wear a protective apron, full clothing, rubber gloves, goggles and face mask. In the event of contact wash immediately with water for 15 minutes. Seek medical attention if burning persists or if the contacted area is inflamed.

****DANGER* Always add Caustic Soda to the water and watch for bubbling and splashing.***

WHMIS: Controlled (see MSDS)	TDG: Regulated (see MSDS)	PACKAGING: 50 lb sack
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