

Caustic Soda

Description

Caustic Soda, also known as sodium hydroxide (NaOH) is an inorganic compound. It is a highly caustic metallic base available in pellets and flakes.

Applications

Caustic Soda is primarily used to control alkalinity and pH in aqueous fluids. It can precipitate calcium, magnesium and other multivalent ions as the metal hydroxides formed are not soluble in water. Additionally it aids in the solubilization of products such as lignosulphonates and lignites.

Features and Benefits

- Readily available as used in many industries.
- Effective and economical
- Widely use in the oil field

Typical Properties

Appearance	Solid
Color	White
Solubility (20°C)	111 gram/100 grams of water

Recommended Treatment

Caustic soda is very effective in raising the fluid pH and is added as necessary to obtain the target pH or treatment requirement. The typically use is less than 1.0 lb/bbl but it may be continuously added to maintain the required fluid pH.

Safety and Handling

Caustic soda is highly corrosive and causes severe health issues. It should never be mixed through the mud hopper. It is recommended to be added via a chemical barrel and premixed in a slug pit and then transferred to active system.

Prior to using this product, refer to the safety data sheet for information on use of personal protective equipment, safe handling, storage, transport, and disposal.

Packaging

Caustic soda is available in 50 lb (22.7 kg) and 55 lb (25 kg) bags.

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