



Technical Datasheet

CAUSTIC SODA LIQUID

Description

CAUSTIC SODA LIQUID is liquid form of sodium hydroxide with chemical formula of NaOH. CAUSTIC SODA LIQUID is a common industrial chemical used widely by process industries.

Application

CAUSTIC SODA LIQUID is a highly alkaline chemical which is an effective and common pH modifier for acid neutralization. Other usage of CAUSTIC SODA LIQUID is in manufacturing Soaps, food products, synthetic fabrics and detergents. It also may be used in production of alumina from bauxite, cotton processing, petroleum refining and paper industry. In oil-field industry, CAUSTIC SODA LIQUID is widely used to increase pH level of drilling fluids and therefore reduce the corrosion rate of mentioned fluids.

Advantages

- Low mixing time in due to having liquid form

Limitations

- Cannot be used in systems that contain esters, vegetable oils as it may cause saponification.
- There may be HSE limitation on usage in each area.
- CAUSTIC SODA LIQUID release severe heat while mixing with water.
- CAUSTIC SODA LIQUID can rapidly react with organic and inorganic materials.

Typical Properties

APPEARANCE	Clear Odorless Fluid
CHEMICAL FORMULA	NaOH
SOLUBILITY IN WATER @ 20 C DEGREES	Easily soluble in cold water
PURITY	48- 50 %
SPECIFIC GRAVITY	1.30 – 1.35

Packaging

CAUSTIC SODA LIQUID is available in Bulk/ IBC/ Drum.