



Description

CAUSTIC SODA is solid form (flakes) of sodium hydroxide with chemical formula of NaOH. CAUSTIC SODA is a common industrial chemical used widely by process industries.

Application

CAUSTIC SODA is a highly alkaline chemical which is an effective common pH modifier for acid neutralization. Other usage of CAUSTIC SODA 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 is widely used to increase pH level of drilling fluids and therefore reduce the corrosion rate of mentioned fluids.

Advantages

- High Purity Product
- Variety of Applications in chemical industry

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 release severe heat while mixing with water.
- CAUSTIC SODA can rapidly react with organic and inorganic materials.

Typical Properties

APPEARANCE	White flakes
SPECIFIC GRAVITY	2.1
CHEMICAL FORMULA	NaOH
SOLUBILITY IN WATER @ 20 C DEGREES	Soluble
pH (1% Water Solution)	12.0 or more

Packaging

CAUSTIC SODA is available in 25 kg SXS or 25 kg Pails.