

## PRODUCT SPECIFICATION

### CAUSTIC SODA 50%

<b>TRADE NAME</b>	:	CAUSTIC SODA 50%
<b>CHEMICAL NAME</b>	:	SODIUM HYDROXIDE
<b>CHEMICAL FORMULA</b>	:	NaOH
<b>CAS NO.</b>	:	1310-73-2
<b>UN NO.</b>	:	1824
<b>MOLECULAR WEIGHT</b>	:	40
<b>SYNONYMS</b>	:	Lewis-red devil lye; Soda lye ; Sodium hydrate

ITEMS	UNITS	SPECIFICATION
Appearance	-	Clear, Colorless
Sodium Hydroxide (NaOH)	%w/w	50 ± 0.5
Sodium Carbonate (Na <sub>2</sub> CO <sub>3</sub> )	%w/w	0.2 Max
Sodium Chloride (NaCl)	%w/w	0.03 Max
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	%w/w	0.001 Max
Specific Gravity at 30 °C		1.513-1.523

**APPLICATION :**

Caustic soda solution is used in the production of paper pulp, soap, detergent, textiles, petrochemical and refinery product, vegetable oil, pharmaceuticals, rubber, glass, metal - plating, water purification , stain removal , others.

**STORAGE CONDITION :**

Store in cool, dry, well-ventilated area. Avoid contact with water or moisture. Store away from incompatible materials, such as strong acids , nitroaromatic , nitroparaffinic or organohalogen compounds.

**STANDARD PACKAGING :**

Tank car, IBC 1,000 Liters.

**TRANSPORTATION INFORMATION :**

UN Number	:	1824
UN proper shipping name	:	SODIUM HYDROXIDE, SOLUTION
ADR classification	:	8
Packaging Group	:	II
Hazard label	:	8
Risk Code	:	80