



# KENCRO

## CHEMICALS

**SPECIFICATIONS: SODIUM HYDROXIDE SOLUTION  
DIAPHRAGM GRADE  
(CAUSTIC SODA LIQUID)**

**Description**

Appearance is similar to water – white to hazy liquid.

<b>Physical Properties</b>	<b>Caustic Soda Liquid</b>
Density at 100°F	12.6lbs/gal (at 38°C: 1510KG/M <sup>3</sup> )
Specific gravity (approx) at 15.5°C (60°F)	1.46
Freezing Point	13°C 55°F)

<b>Chemical Properties</b>	<b>Caustic Soda Liquid</b>
Caustic Soda (as NaOH), wt%	49.0 – 52.0
Total Alkali (as Na <sub>2</sub> O), wt%	38.0 – 40.4
Carbonates (as Na <sub>2</sub> CO <sub>3</sub> ), wt%	0.2 max
Chlorides (as NaCl), wt%	1.1 max
Iron (Fe), ppm	7 max
Sulphates (asNa <sub>2</sub> SO <sub>4</sub> ), wt%	0.02 max
NaClO <sub>3</sub> , wt%	0.3 max
Silicon, as Si, wt%	0.195 max
Aluminum, as Al, wt%	0.002 max
Calcium, as Ca, wt%	0.0045 max
Magnesium, as Mg, wt%	0.0012 max
Manganese, as Mn, wt%	0.0001 max
Nickel, as Ni, wt%	0.0002 max
Copper, as Cu, wt%	0.0002 max

Product meets provisions of Food Chemicals Codex, 4<sup>th</sup> Edition, the American Water Works Association (AWWA) B501-98 Standard.

**Safety**

As with any chemical, Caustic Soda requires care in handling. It is suggested that anyone involved with the procurement or handling of this chemical be familiar with the appropriate safety and handling precautions. Such information is available on the appropriate material and safety data sheet.

**FOR FIRE, HEALTH, SAFETY, AND FIRST AID INFORMATION, PLEASE REFER TO MSDS**  
*All statements, information, and data presented are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility*

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