



# 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 50% Liquid</b>
Specific gravity at 15.5°C (60°F)	1.53
Crystallizing point (approx)	13°C (55°F)
Solidifying point (approx)	5°C (41°F)
Boiling point (approx)	142°C (288°F)

<b>Chemical Properties</b>	<b>Diaphragm (Regular) Grade</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%	0.3 max
Chlorides (as NaCl), wt%	1.1 max
Iron (Fe), ppm	9.0 max
Sulphates (as Na <sub>2</sub> SO <sub>4</sub> ), wt%	0.05 max
NaClO <sub>3</sub> , wt%	0.3 max

Product meets provisions of Food Chemicals Codex, 5<sup>th</sup> Edition, the American Water Works Association (AWWA) B501-03 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***

Note: All values are expressed on a weight basis as is.

**SPEC#: BAUIA1**  
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