

	QUALITY MANAGEMENT SYSTEM	UR.02-SD-U0231.0	
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Caustic Soda specifications			

Chemical Name : Sodium Hydroxide
Commercial Name : Caustic Soda Aqueous solution

PRESENTATION

No.	PROPERTY	M.U.	ALLOWABLE CONDITIONS
1.	Aspect	-	Colourless clear liquid
2.	Sodium Hydroxide content	%	min. 48
3.	Sodium Chloride content	ppm.	max. 120
4.	Sodium Carbonate content	%	max. 0.1
5.	Iron content	ppm.	max. 5
6.	Nickel content	ppm.	max. 2
7.	Sulphates contente (as Na ₂ SO ₄)	%	max. 0.002
8.	Densitaty at 20° C	g/cm 3	min. 1,507
9.	Silicium content	ppm	max. 7
10.	Manganese content	ppm	max. 1
11.	Copper content	ppm	max. 1
12.	Chromium	ppm	max. 1
13.	Cadmium	ppm	max. 1
14.	Mercury (*)	ppm	max. 0.001

(*) It been produced by membrane cell technology, MERCURY FREE.

USES

- in chemical industry for manufacturing of soaps, detergents, pesticides, fertilizers, bleaching agents
- in petrochemical industry for petroleum products refining
- in metallurgical industry for aluminium manufacturing
- in rubber regeneration
- for free fatty acids removal in oils and greases industry
- in sugar industry for domestic use

PACKING

- Bulk

STORAGE

- In tanks at min. 15°C.
- Avoid contact with aluminium, zinc or galvanised steel material.
- Mild steel, polyester or polypropylene are suitable materials.
- To avoid any iron contamination in the product, a suitable lining of the steel tank can be used.

This grade has certificate for food production as received by Ministry of Agriculture and Rural Affairs dated 12.08.2013 and nr. TR-35-K-017539

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