



## PRODUCT SPECIFICATION

EP 059

REV01

### IDENTIFICATION

<b>Chemical name</b>	Caustic soda solution 49/50% - Rayon
<b>Formula</b>	NaOH
<b>CAS Number</b>	7664-38-2

### PHYSICAL - CHEMICAL CHARACTERISTICS

<b>Appearance</b>	Viscous, colorless to slightly grayish liquid			
<b>Characteristic</b>	<b>Unit</b>	<b>Minimum</b>	<b>Maximum</b>	<b>Method</b>
Concentration	%	49.0	-	IT.CQ-0017
Density	g/mL	1.510	-	
Carbonates (m/m NaCl)	%	-	0.3	Manufacturer's Specification
Chlorides (m/m NaCl)	%	-	0.015	
Iron (Fe)	ppm		5.0	

### MAIN APPLICATIONS

Paper/cardboard, soap and detergents, adhesives, beverages, food, pharmaceuticals, oils and fats, ceramics, rubber, tanning, electroplating, laundries, mining and general chemical industries.

**OTHER INFORMATION**

<b>UN No.</b>	1824
<b>Risk No.</b>	80
<b>Packaging</b>	In bulk, IBC's or in polyethylene drums
<b>Cautious</b>	Highly corrosive product. Skin contact can cause serious injury. Alkaline product, absorbs moisture from the air. Reacts violently with acids and, with water, causing an exotherm. Use PPE's: safety glasses, gloves, boots and PVC apron.
<b>Storage</b>	Store the product in a cool, ventilated place, away from the sun and humidity.
<b>Validity</b>	Six months depending on ideal storage conditions.
<b>Legal requirements</b>	Product controlled by the Federal Police and Civil Police - PF and PC.

	<b>Code</b>	<b>Description</b>
<b>Technical Specifications</b>	153.67.0	Caustic Soda Rayon 49/50% DVVD
	127.01.2	Caustic Soda Rayon 49/50% DVVD - IT
	153.74.0	Caustic Soda Rayon 49/50% KTVD - IT

**HISTORY OF CHANGES**

<b>Date</b>	<b>Revision</b>	<b>Comments of Changes</b>
2013-08-10	00	Initial Issue
-	04	Revision of the form due to approval via the Qualiex system. Inclusion of omega codes. EP060 Specification Unification. Item carbonates changed from 0.2 to 0.3%.