

	LIQUID CAUSTIC SODA MEMBRANE GRADE	Code: A2-SS-01 Version: 04
	TECHNICAL DATA	Validity: 03/2025

PRODUCT DESCRIPTION	Viscous liquid, transparent or slightly cloudy. Absorbs water and carbon dioxide from the air. It is a strong, highly reactive and corrosive base.	
	Product:	LIQUID CAUSTIC SODA
	Synonyms:	Caustic Soda, Sodium Hydrate, Bleach
	Molecular Formula:	NaOH
	Molecular Weight:	40.0
	No. CAS	1310-73-2
TECHNICAL DATA	Density g/cm3 at 20°C	1.511 - 1.544
	Total Alkalinity (NaOH) % (NaOH)	48.50 - 52.00
	Sodium Chloride (NaCl) ppm	Max. 300
	Sodium Oxide (Na2O) % ppm	37.6 – 40.3
	Sodium Carbonate (Na2CO3) %	Max. 0.20
	Sodium Chlorate (Na2CO3) ppm	
	Sodium Chlorate (NaClO3) ppm	Max. 100
	Iron (Fe) ppm	Max. 5
	Appearance	Viscous liquid, translucent to slightly cloudy
	Odor	Odorless
USE	<p>Used in the manufacture of cellulose, aluminum, soaps and detergents, rayon synthetic fiber, cellophane, sodium salts in general, dyes and pigments, glass, pharmaceuticals, cosmetics, in the production of sodium hypochlorite and other water treatment products.</p> <p>It is also used in vegetable oil refining, regeneration of ion exchange resins, paper production, textile industry, cotton mercerization, dyeing, metal processing, oil extraction and effluent neutralization.</p>	
PACKAGING	Bulk in 10-, 18- and 35-ton tankers	
STORAGE AND PRESERVATION	<p>Keep the product in a closed and properly identified container, in a dry and well ventilated area. Keep away from acids, water, oxidizing materials and metals such as aluminum, zinc, tin and other incompatible products.</p> <p>Do not leave the product exposed to the air since it has the capacity to absorb humidity from the air.</p>	
CAUTION	<p>Caustic soda is highly corrosive and irritating; by contact it can cause eye, skin, lung and digestive lesions.</p> <p>Personal protective equipment should always be used, even if the exposure or the activity being performed with the product is very short.</p>	

Note: Complies with Colombian Technical Standards NTC 947.