

	LIQUID CAUSTIC SODA DIAPHRAGM GRADE	Code: A1-SS-01 Version: 05
	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	
CAS No.	1310-73-2	

TECHNICAL DATA	Density g/cm3 at 20°C	1.513-1.556
	Total Alkalinity (NaOH) % (NaOH)	48.50 - 52.00
	Sodium Chloride (NaCl) ppm	Max. 11000
	Sodium Oxide (Na2O) % ppm	37.6 – 40.3
	Sodium Carbonate (Na2CO3) %	Max. 0.20
	Sodium Carbonate (Na2CO3) %	
	Sodium Carbonate (Na2CO3) %	
	Iron (Fe) ppm	Max. 13
	Iron (Fe) ppm	
	Appearance	Viscous, translucent to slightly cloudy liquid.
	Odor	Odorless

USE	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. 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.
------------	---

PACKAGING	Bulk in 10-, 18- and 35-ton tankers
------------------	-------------------------------------

STORAGE AND PRESERVATION	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. Do not leave the product exposed to the air since it has the capacity to absorb humidity from the air.
---------------------------------	---

CAUTION	Caustic soda is highly corrosive and irritating; by contact it can cause eye, skin, lung and digestive lesions. Personal protective equipment should always be used, even if the exposure or the activity being performed with the product is very short.
----------------	--

Note: Complies with Colombian Technical Standards NTC 947.