

LIQUID CAUSTIC SODA 50%

PDS-1110-0010

Some applications of this product may be regulated or restricted by national or international standards (e.g. for food additives, water treatment, the pharmaceutical industry, etc). The buyer and the eventual user, in his sole and entire liability, shall respect those standards, orders of any relevant authority, and all existing patents and intellectual properties rights; and shall comply with the laws and the regulations applicable to our products and/or to his activity. The buyer and the eventual user must independently determine the suitability of this product for any particular purpose and its manner of use.

Product Identification:

Liquid Caustic Soda 50% is a clear, colourless, odourless and viscous liquid.

Sodium Hydroxide	NaOH	ID Number	011-002-00-6
Molecular Weight	40,01	EC Number (EINECS)	215-185-5
CAS Number	1310-73-2	UN Number	1824

For further information on product handling, transport, storage and product properties please consult our website:

http://www.solvaycausticsoda.com/library/bysection/result/0,0,-_EN-1000105,00.html

Product Specifications:

Characteristic	Unit	Value ⁽¹⁾	Method of analysis ⁽²⁾
Total Alkalinity (NaOH)	g/kg	500 ± 5	Titrimetry (ISO 979)
Sodium Carbonate (Na ₂ CO ₃)	g/kg	≤ 0,4	Titrimetry (ISO 3196)
Sodium Sulphate (Na ₂ SO ₄)	mg/kg	≤ 40	Ion chromatography (ASTM E1787)
Sodium Chloride (NaCl)	mg/kg	≤ 100	Ion chromatography (ASTM E1787)
Iron (Fe)	mg/kg	≤ 5	Photometry (ISO 6685)
Mercury (Hg)	mg/kg	≤ 0,1	Flameless atomic absorption spectrometry (ISO 5993)
Heavy Metals* (Pb) (*H ₂ S Group)	mg/kg	≤ 10	ICP-AES** (ISO 11885) or precipitation test (ANA-1110-0002) <small>(**) Inductively coupled plasma atomic emission spectroscopy</small>

(1) The values are expressed per kg of solution as such.

(2) The product is analysed with the above mentioned methods or using local methods depending on laboratory equipments.

Production Plants:

Jemeppe (Belgium), Lillo (Belgium), Tavaux (France), Rheinberg (Germany), Rosignano (Italy), Martorell (Spain), Torrelavega (Spain).

Please consult our Safety Data Sheet:

http://www.solvaycausticsoda.com/docroot/caustic/static_files/attachments/sds_1110_13169_w_en_ww_.pdf

For other languages than English please contact us.

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