



**PRODUCT CODE: 144320**

**Sodium Hydroxide solution 30% w/w pure, pharma grade**

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HNaO  
NaOH

M.= 40,00                      CAS [1310-73-2]                      EINECS 215-185-5  
TARIC 2815 12 00 00

**SYNONYMS:** Soda lye

**PHYSICAL DATA:** liquid, Clear, Colourless, caustic , absorbs CO<sub>2</sub> from air, D 20/4 1,328 •

**BIBLIOGRAPHY:** Merck Index **12**, 8.772 13, 8.701

**HAZARDOUS:** C.E: 011-002-00-6 • RTECS: WB 4900000 • LD L0 oral rbt 500 mg/kg • LD L0 oral rbt 500 mg/kg •  
LD50 ipr mus 40 mg/kg VLA-EC (NaOH) 2 mg/m<sup>3</sup>



H: H314 •  
P: P260 • P264 • P280 • P301+P330+P331 • P303+P361+P353 • P501 • P304+P340 • P305+P351+P338 • P310 •  
P321 • P338 • P363 • P405 •

**TRANSPORT REGULATIONS:** UN: 1824 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 851 • CAO: 855 • (E) •

**WEIGHT/VOLUME INFORMATION:** 1l~1,328 kg      1kg~0,753 l

**SPECIFICATIONS:**

Assay (Acidim.)	29,5-30,5 %
Identity :	
Identity Sodium	positive
Identity pH	~14

**Maximum limit of impurities**

Chloride (Cl)	0,005%
Nitrogen compounds (as N)	0,002%
Phosphate (PO <sub>4</sub> )	0,002 %
Sulfate (SO <sub>4</sub> )	0,005%
Carbonate (as Na <sub>2</sub> CO <sub>3</sub> )	1,0%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,001%
Fe	0,001 %
K	passes test
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	5 ppm
As	1,5 ppm
Hg	1,5 ppm
Class 2A	
Co	5 ppm
V	10 ppm
Ni	20 ppm
Class 2B	
Tl	5 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	25 ppm
Ag	15 ppm
Pt	10 ppm
Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm

**This product has been manufactured with Sodium Hydroxide which passes USP-NF, BP and Ph. Eur. specifications.**