



PRODUCT CODE: 141571

Sodium Hydroxide solution 50% w/v pure

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 CO₂ from air, Soluble in water. D 20/4 1,39 • pH14 •

BIBLIOGRAPHY: Merck Index **12**, 8.772 13, 8.701 Sax **SHS500** • Römp **8** , **2738** •

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/m³



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-1,39 kg 1kg-0,72 l

SPECIFICATIONS:

Assay (Acidim.) 49,5 - 50,5%

Chloride (Cl) 0,01%

Nitrogen compounds (as N) 0,002%

Phosphate (PO₄) 0,002 %

Sulfate (SO₄) 0,01%

Carbonate (as Na₂CO₃) 1,0%

Heavy metals (as Pb) 0,002%

Al	0,002	%
As	0,00004	%
Ca	0,005	%
Cu	0,001	%
Fe	0,005	%
Mg	0,005	%
Ni	0,001	%
Pb	0,001	%