



**PRODUCT CODE: 142404**

**Sodium Hydroxide solution 50% w/w 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 CO<sub>2</sub> from air, Soluble in water. D 20/4 1,5253 • pH14 •

**BIBLIOGRAPHY:** Merck Index **12**, 8.772 Sax **SHS500** • Römp **8** , **2738** • F.C.C **10 11** • BOE **15222615**(26-06-01)  
• Directive 2000/63/EC •

**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 TLV-TWA (NaOH) 2 mg/m<sup>3</sup> 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~1,52 kg      1kg~0,66 l

**SPECIFICATIONS:**

Assay (Acidim.)

50%

|   |           |
|---|-----------|
| Chloride (Cl)                                   | 0,01%     |
| Nitrogen compounds (as N)                       | 0,002%    |
| Phosphate (PO <sub>4</sub> )                    | 0,002 %   |
| Sulfate (SO <sub>4</sub> )                      | 0,01%     |
| Carbonate (as Na <sub>2</sub> CO <sub>3</sub> ) | 1%        |
| 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 %   |

Ed.: 3 . Vig.: 15.01.2011 .

Prod.: 142404