



**PRODUCT CODE: 131687**

**Sodium Hydroxide pellets (Reag. USP) for analysis, ACS, ISO**

---

HNaO  
NaOH

M.= 40,00                      CAS [1310-73-2]                      EINECS 215-185-5  
TARIC 2815 11 00 00

**SYNONYMS:** Caustic Soda

**PHYSICAL DATA:** White solid as lentils or flakes, frosted, caustic deliquescent, absorbing CO<sub>2</sub> from the air, Soluble in water 1.090 g/l at 20 °C D 2,13 • M.P.: 318 °C • B.P.: 1.390 °C • pH(50g/l)14 •

**BIBLIOGRAPHY:** Merck Index **13**, 8.701 Sax **SHS000** • Safety **2** , **3144 A** • Römp **8** , **2738** • Kühn-Birett **N 12** • Fieser **5615 7336 8460** • ACS **XI** • ISO 6353/2-1983R - 34 , 48 • BP.**2020** • USP -**NF 37** • Ph. Eur. **9.0** (2017) **10.0** (2020) **8.6** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 JP XV •

**HAZARDOUS:** C.E: 011-002-00-6 • RTECS: WB 4900000 • VLA-EC 2 mg/m<sup>3</sup> DNEL Workers Inhalation, Prolonged exposure 1 mg/m<sup>3</sup> DNEL Population Inhalation, long term (local) 1 mg/m<sup>3</sup>



H: H314 • H290 •  
P: P260 • P280 • P303+P361+P353 • P305+P351+P338 • P310 • P501 •

**TRANSPORT REGULATIONS:** UN: 1823 • ADR: 8/II • IMDG: 8/II • IATA: 8/II • PAX: 859 • CAO: 863 • (E) •

**SPECIFICATIONS:**

Minimum assay (Acidim.)                      98,0%

**Maximum limit of impurities**

|                                                 |           |
|-------------------------------------------------|-----------|
| Insoluble matter in H <sub>2</sub> O            | 0,005 %   |
| Chloride (Cl)                                   | 0,005%    |
| Nitrogen compounds (as N)                       | 0,0005%   |
| Phosphate (PO <sub>4</sub> )                    | 0,0005 %  |
| Sulfate (SO <sub>4</sub> )                      | 0,003%    |
| Silicate SiO <sub>2</sub>                       | 0,001%    |
| Carbonate (as Na <sub>2</sub> CO <sub>3</sub> ) | 1,0%      |
| Heavy metals (as Pb)                            | 0,0005%   |
| Al                                              | 0,0005 %  |
| As                                              | 0,00004 % |
| Ca                                              | 0,0005 %  |
| Cd                                              | 0,0005 %  |
| Co                                              | 0,0005 %  |
| Cu                                              | 0,0005 %  |
| Fe                                              | 0,0005 %  |
| Hg                                              | 0,00001 % |
| K                                               | 0,02 %    |
| Mg                                              | 0,0005 %  |
| Mn                                              | 0,0005 %  |
| Ni                                              | 0,0005 %  |
| Pb                                              | 0,0005 %  |
| Zn                                              | 0,001 %   |