



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 CO₂ 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.**2025** • USP -**NF 38** • Ph. Eur. **10.0** (2019) **11.0** (2023) • F.C.C **12 13** • 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/m³ DNEL Workers Inhalation, Prolonged exposure 1 mg/m³ DNEL Population Inhalation, long term (local) 1 mg/m³



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 ₂ O	0,005 %
Chloride (Cl)	0,005%
Nitrogen compounds (as N)	0,0005%
Phosphate (PO ₄)	0,0005 %

Sulfate (SO ₄)	0,003%
Silicate SiO ₂	0,001%
Carbonate (as Na ₂ CO ₃)	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 %