

Sodium hydroxide, granulated, synthesis grade**Identification**

NaOH
M = 40,00 g/mol
CAS [1310-73-2]
EC number: 215-185-5
Taric code: 2815 11 00

Synonyms

Caustic soda




Applications

solutions: to neutralize acids, to make sodium salts, to precipitate metals (as hydroxides) from water solutions of their salts.

Specifications

assay (acidimetric).....	min. 98 %	iron (Fe).....	max. 0,0015 %
sodium carbonate (Na ₂ CO ₃).....	max. 0,5 %	nickel (Ni).....	max. 0,0003 %
sodium oxide (Na ₂ O).....	min. 75,5 %		

Packaging**Packaging Code**

1 kg  SO04181000
5 kg  SO0418005P
25 kg  SO0418025P

Physical data

- Appearance: pearls, white, 1mm
- Spec. Density: 2,13 g/cm³
- Solub. in water: (20 °C): soluble
- Melting point: 323 °C
- Boiling point: 1390 °C
- pH(50 g/l H₂O, 20 °C) ~ 14
- Hygroscopic

Safety - GHS

Signal Word: Danger

**Hazard Statements:**

H314: Causes severe skin burns and eye damage.

Precautionary Statements:

P260: Do not breathe dust / fume / gas / mist / vapours / spray.
P303+P361+P353: IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321: Specific treatment (see on this label).
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- MAK: 2 mg/m³
- WGK: 1
- Poison class CH (Swiss): 2

Transport/storage

- ADR: 8 C6 II • UN 1823 • SODIUM HYDROXIDE, SOLID
- IMDG: 8 II • UN 1823 • SODIUM HYDROXIDE, SOLID
- IATA/ICAO: 8 II • UN 1823 • SODIUM HYDROXIDE, SOLID
- PAX: 814
- CAO: 816