

Sodium hydroxide, granulated, EssentQ®**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 %	sodium oxide (Na ₂ O)..... min. 75,5 %
sodium carbonate (Na ₂ CO ₃)..... max. 0,5 %	iron (Fe)..... max. 15 ppm
	nickel (Ni)..... max. 3 ppm

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.
P310: Immediately call a POISON CENTER or doctor / physician.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

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
- 10°C - 30°C