

**Sodium hydroxide**, concentrated solution to prepare 1 l of solution 1 mol/l (1 N)**Identification**

NaOH  
M = 40,00 g/mol  
CAS [1310-73-2]  
EC number: 215-185-5  
Taric code: 2815 12 00

**Applications**

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

**Specifications**

amount of substance: 40,000 g NaOH concentrated solution..... 5 mol/l  $\pm$  0,1 %

**Physical data**

- Density: 1,38 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- pH(20 °C) ~ 14

**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/m<sup>3</sup> (pure substance)
- WGK: 1
- Poison class CH (Swiss): 2

**Transport/storage**

- ADR: 8 C5 II • UN 1824 • SODIUM HYDROXIDE SOLUTION
- IMDG: 8 II • UN 1824 • SODIUM HYDROXIDE SOLUTION
- IATA/ICAO: 8 II • UN 1824 • SODIUM HYDROXIDE SOLUTION
- PAX: 851
- CAO: 855