

Sodium hydroxide, concentrated solution to prepare 1 l of solution 0,1 mol/l (0,1 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: 4,000 g NaOH concentrated solution..... 1 mol/l \pm 0,1 %

Physical data

- Density: 1,09 g/cm³
- Solub. in water: (20 °C): miscible
- pH(20 °C) ~ 13,8

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 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
- 10°C - 30°C