SO0441
Sodium hydroxide, 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
analytical chemistry, titrant in volumetric analysis.

Specifications
factor..... 0,999 - 1,001
uncertainty ± 0,001

1 ml = 0,0400 g NaOH

This solution was analysed using a certified reference material (potassium hydrogen phthalate).
The certified reference material is ISO 17034 accredited, measured according to ISO/IEC 17025 and traceable to the International System of Units by means of a Standard Reference Material from NIST: SRM® 84 (Potassium Hydrogen Phthalate).

Physical data
- Density: 1,04 g/cm3
- pH(20 ºC) ~ 13,7

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^3 (pure substance)
- WGK: 1
- Poison class CH (Swiss): 3

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: 809
- CAO: 813
- Store between 15ºC and 25ºC