

Identification

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

Applications

analytical chemistry, laboratory reagent, for determination of: nitrogen.

Specifications

| | | | |
|---|---------------|----------------------------------|---------------|
| assay (acidimetric)..... | min. 32 % | sulfates (SO ₄)..... | max. 0,0005 % |
| carbonates (as Na ₂ CO ₃)..... | max. 0,5 % | total nitrogen (as N)..... | max. 0,0001 % |
| chlorides (Cl)..... | max. 0,0005 % | aluminium (Al)..... | max. 5 ppm |
| phosphates (as PO ₄)..... | max. 0,0005 % | heavy metals (as Pb)..... | max. 5 ppm |
| silicates (SiO ₂)..... | max. 0,001 % | iron (Fe)..... | max. 5 ppm |

Physical data

- Density: 1,26 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: 9 °C
- Boiling point: 119 °C
- 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.
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: 809
- CAO: 813
- 10°C - 30°C