

Potassium hydroxide, solution 0,1 mol/l (0,1 N) in methanol**Identification**

Taric code: 3822 00 00

Specificationsfactor..... 0,999 - 1,001
uncertainty \pm 0,001

1 ml = 0,005611 g KOH

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: 0,80 g/cm³
- Solub. in water: (20 °C): miscible
- Flash point: 7 °C
- Ignition temperature: 455 °C (methanol)
- Expl. limit (upper): 31 Vol%
- Expl. limit (lower): 5,5 Vol%

Safety - GHS**Signal Word:** Danger**Hazard Statements:**

- H225: Highly flammable liquid and vapour.
H331: Toxic if inhaled.
H370: Causes damage to organs.
H315: Causes skin irritation.
H319: Causes serious eye irritation.

**Precautionary Statements:**

- P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.
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.
P370+P378: In case of fire: Use ... for extinction.
P405: Store locked up.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 3 FTC II • UN 3286 • FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Potassium hydroxide, solution 0,1 mol/l (0,1 N) in methanol)
- IMDG: 3 II • UN 3286 • FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Potassium hydroxide, solution 0,1 mol/l (0,1 N) in methanol)
- IATA/ICAO: 3 II • UN 3286 • FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Potassium hydroxide, solution 0,1 mol/l (0,1 N) in methanol)
- PAX: 352
- CAO: 363
- 10°C - 30°C