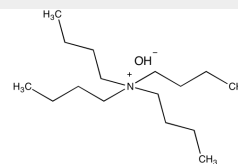


# **Tetrabutylammonium hydroxide, solution 0,1 mol/l, in 2-propanol/methanol**

## **Identification**

**C<sub>16</sub>H<sub>37</sub>NO**  
**M = 259,48 g/mol**  
**CAS [2052-49-5]**  
**EC number: 218-147-6**  
**Taric code: 3822 00 00**



## **Applications**

analytical chemistry, titrant in volumetric analysis, for non-aqueous titrations.

## **Specifications**

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

sulfates (SO<sub>4</sub>).....max. 0,05 %  
 halides (as bromide)..... max. 0,05 %

2-propanol:methanol 10:1 (v/v)

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® 350 (Benzoic Acid (Acidimetric Standard)).

## **Physical data**

- Density: 0,79 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Flash point: 12 °C
- pH(H<sub>2</sub>O, 20 °C) ~ 14

## **Safety - GHS**

**Signal Word:** Danger

### **Hazard Statements:**

- H225: Highly flammable liquid and vapour.  
 H314: Causes severe skin burns and eye damage.  
 H371: May cause damage to organs.  
 H336: May cause drowsiness or dizziness.



### **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.  
 P310: Immediately call a POISON CENTER or doctor / physician.  
 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. (Tetrabutylammonium hydroxide, solution 0,1 mol/l, in 2-propanol/methanol)
- IMDG: 3 II • UN 3286 • FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Tetrabutylammonium hydroxide, solution 0,1 mol/l, in 2-propanol/methanol)
- IATA/ICAO: 3 II • UN 3286 • FLAMMABLE LIQUID, TOXIC, CORROSIVE, N.O.S. (Tetrabutylammonium hydroxide, solution 0,1 mol/l, in 2-propanol/methanol)
- PAX: 352
- CAO: 363