

**Aquagent®**, Standard solution 0,1. Suitable for coulometric Karl Fischer equipment.**Identification**

$C_8H_{10}$   
M = 106,17 g/mol  
Taric code: 3822 00 00

Water standard for coulometric  
KF titration.

water content..... 0,1 mg/g  
contains 0,1 mg H<sub>2</sub>O/1 g standard

Air humidity will change the water content  
Protect from moisture

**Physical data**

- Density: 0,86 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 0,2 g/l
- Melting point: > -34 °C
- Boiling point: 137 - 143 °C
- Flash point: 25 °C
- Ignition temperature: ~ 465 °C
- Vapour pressure: (20 °C) 10 hPa
- Dielectric const.: (25 °C) 2,4
- Saturation conc.: (20 °C) 30 - 38 g/m<sup>3</sup>
- Expl. limit (upper): 7,5 Vol%
- Expl. limit (lower): 1,7 Vol%

**Safety - GHS**

**Signal Word:** Warning

**Hazard Statements:**

H226: Flammable liquid and vapour.  
H312: Harmful in contact with skin.  
H332: Harmful if inhaled.  
H315: Causes skin irritation.

**Precautionary Statements:**

P210: Keep away from heat / sparks / open flames / hot surfaces. - No smoking.  
P241: Use explosion-proof electrical / ventilating / lighting / equipment.  
P261: Avoid breathing 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.  
P321: Specific treatment (see on this label).  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Toxicological data**

- WGK: 2
- Poison class CH (Swiss): 4

**Transport/storage**

- ADR: 3 F1 III • UN 1307 • XYLENES
- IMDG: 3 III • UN 1307 • XYLENES
- IATA/ICAO: 3 III • UN 1307 • XYLENES
- PAX: 355
- CAO: 366