

Aquagent®, Standard solution 0,01%. Suitable for coulometric Karl Fischer equipment.**Identification**

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

Specifications

Water standard for coulometric KF titration.	contains 0,1 mg H_2O /1 g standard
water content..... 0,1 mg/g	Air humidity will change the water content
water content..... 0,01 %	Protect from moisture

Physical data

- Density: 0,86 g/cm³
- 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/m³
- Expl. limit (upper): 7,5 Vol%
- Expl. limit (lower): 1,7 Vol%

Safety - GHS

Signal Word: Danger

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.
P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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 F1 III • UN 1307 • XYLENES
- IMDG: 3 III • UN 1307 • XYLENES
- IATA/ICAO: 3 III • UN 1307 • XYLENES
- PAX: 355
- CAO: 366
- 10°C - 30°C