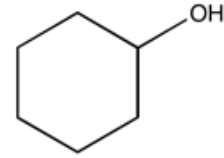


## Cyclohexanol, for analysis, ExpertQ®

**Identification**

C<sub>6</sub>H<sub>12</sub>O  
M = 100,16 g/mol  
CAS [108-93-0]  
EC number: 203-630-6  
Taric code: 2906 12 00

**Synonyms**

Hexahydrophenol, Hydroxycyclohexane

**Applications**

analytical chemistry, synthesis of organic products, insecticide, in the textile industry.

**Specifications**

assay (G.C.).....	min.99,5 %	heavy metals (as Pb).....	max. 1 ppm
identity (IR-spectrum).....	passes test	residue on evaporation.....	max. 0,002 %
free acid (as CH <sub>3</sub> COOH).....	max. 0,005 %	aldehydes.....	passes test
iron (Fe).....	max. 1 ppm	water (K.F.).....	max. 0,05 %

**Physical data**

- Density: (25 °C) 0,94 g/cm<sup>3</sup>
- Solub. in water: (20 °C): 36 g/l
- Melting point: 25 °C
- Boiling point: 161 °C
- Flash point: 68 °C
- Ignition temperature: 300 °C
- Vapour pressure: (20 °C) 1,3 hPa
- Refraction index: (n 20 °C/D) 1,4657
- Viscosity: (25 °C) 4,6 mPas
- Dielectric const.: (25 °C) 15,0
- Saturation conc.: (20 °C) 5 g/m<sup>3</sup>
- Expl. limit (upper): 11.2 Vol%
- Expl. limit (lower): 2 Vol%

**Safety - GHS**

Signal Word: Warning

**Hazard Statements:**

- H302: Harmful if swallowed.  
H332: Harmful if inhaled.  
H315: Causes skin irritation.  
H335: May cause respiratory irritation.

**Precautionary Statements:**

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.  
P280: Wear protective gloves / protective clothing / eye protection / face protection.  
P321: Specific treatment (see on this label).  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P405: Store locked up.  
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- 15°C - 25°C