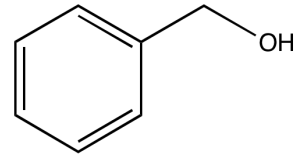


Identification

C₇H₈O
 M = 108,14 g/mol
 CAS [100-51-6]
 EC number: 202-859-9
 Taric code: 2906 21 00


Synonyms

Phenylmethanol, Phenylcarbinol

Applications

analytical chemistry, perfumery, microscopy, in pharma industry.

Specifications

assay (G.C.).....	98,0 - 100,5 %	residue on evaporation.....	max. 0,05 %
identification.....	passes test		
appearance of solution.....	clear and colourless	Elemental impurities are analysed	
refractive index n ₂₀ /D.....	1,538 - 1,541	according to guideline	
acidity.....	passes test	CHMP/ICH/353369/2013.	
peroxide index.....	max. 5		
Imp. A.....	max. 0,15 %	Residual solvents are analysed	
Imp. B.....	max. 0,10 %	according to guideline	
Sum of other peaks.....	max. 0,04 %	CPMP/ICH/283/95.	
Sum of peaks.....	max. 0,3 %		
disregard limit.....	max. 0,0001 %		

Physical data

- Density: 1,045 g/cm³
- Solub. in water: (20 °C): 40 g/l
- Melting point: -15.4 °C
- Boiling point: 205.3 °C
- Flash point: 101 °C
- Ignition temperature: 436 °C
- Vapour pressure: (20 °C) 0,07 hPa
- Refraction index: (n_{20 °C/D}) 1,5396
- Dipolar moment: (20 °C) 1,7 Debye
- Dielectric const.: (25 °C) 13,1
- Evap. heat: (205 °C) 467 KJ/kg
- Saturation conc.: (20 °C) 0,56 g/m³
- Expl. limit (upper): 13 Vol %
- Expl. limit (lower): 1,3 Vol %

Safety - GHS

Signal Word: Warning


Hazard Statements:

- H302: Harmful if swallowed.
 H332: Harmful if inhaled.
 H319: Causes serious eye irritation.

Precautionary Statements:

- P261: Avoid breathing dust / fume / gas / mist / vapours / spray.
 P264: Wash thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.
 P271: Use only outdoors or in a well-ventilated area.
 P280: Wear protective gloves / protective clothing / eye protection / face protection.
 P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312: Call a POISON CENTER or doctor / physician if you feel unwell.
 P301: IF SWALLOWED:
 P330: Rinse mouth.
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice / attention.
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Toxicological data

- LD 50 (oral, rat): 1230 mg/kg
- WGK: 1
- Poison class CH (Swiss): 4

Transport/storage

- Store between 15°C and 25°C