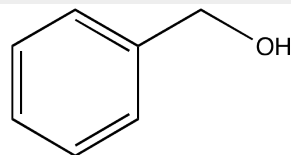


Benzyl alcohol, Pharmpur®, Ph Eur, BP, NF

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 %	acidity.....	passes test
assay (titrimetric).....	98,0 - 100,5 %	peroxide index.....	max. 5
identification.....	passes test	Imp. A.....	max. 0,15 %
appearance of solution.....	clear and colourless	Imp. B.....	max. 0,10 %
refractive index n ₂₀ /D.....	1,538 - 1,541	Sum of other peaks.....	max. 0,04 %
clarity of solution.....	passes test	Sum of peaks.....	max. 0,3 %
colour of solution.....	passes test	disregard limit.....	max. 0,0001 %
		residue on evaporation.....	max. 0,05 %

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: (n₂₀ °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.
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.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 10°C - 30°C