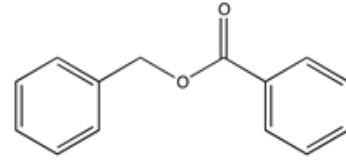


Benzyl benzoate, Pharmpur®, Ph Eur, BP, USP

Identification

$C_{14}H_{12}O_2$
M = 212,25 g/mol
CAS [120-51-4]
EC number: 204-402-9
Taric code: 2916 31 00

**Synonyms**

Benzoic acid benzyl ester

Applications

analytical chemistry, in food industry, perfumery, in pharma industry.

Specifications

assay (acidimetric, after saponification)	99,0 - 100,5 %	density (25°/25°).....	1,116 - 1,120
Identification IR.....	passes test	refractive index n ₂₀ /D.....	1,568 - 1,570
Identification B (precipitation).....	passes test	freezing point.....	min. 18,0 °C
Identification C (precipitation).....	passes test	acidity.....	passes test
density (20°/20°).....	1,118 - 1,122	aldehydes (as C ₇ H ₆ O).....	max. 0,05 %
		residue on ignition.....	max. 0,1 %

Physical data

- Density: 1,12 g/cm³
- Solub. in water: (20 °C): non-miscible
- Melting point: 21 °C
- Boiling point: 324 °C
- Flash point: 158 °C
- Ignition temperature: 480 °C
- Vapour pressure: (20 °C) < 0,1 hPa
- Refraction index: (n_{21 °C}/D) 1,5681

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.
H411: Toxic to aquatic life with long lasting effects.

**Precautionary Statements:**

P273: Avoid release to the environment.
P264: Wash thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330: Rinse mouth.
P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- ADR: 9 M6 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)
- IMDG: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)
- IATA/ICAO: 9 III • UN 3082 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Benzyl benzoate)
- PAX: 964
- CAO: 964
- 10°C - 30°C