



Specialized in chemicals

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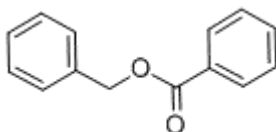
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Technical Data Sheet

Benzyl benzoate

Chemical Name	Benzyl benzoate
CAS #	120-51-4
EINECS	204-402-9
Formula	C14H12O2
Molecular Weight	212.24
Synonyms	Benzyl alcohol benzoic ester



Chemical Structure

Appearance Colorless or pale yellow viscous transparent liquid

Description

Benzyl benzoate CAS 120-51-4 is a colorless or pale yellow viscous transparent liquid. In temperature conditions of 17 degrees centigrade or lower, it will be solidified into white solid. Benzyl benzoate of high-purity has slight fragrance. Benzyl benzoate is insoluble in water but soluble in organic solvents. Benzyl benzoate is a high-temperature solvent, is the only solvent of Musk. Benzyl benzoate has applications to pharmacy and perfume industry just because of its characters of low volatilization and relative stability.

Specification

Item	BP2000	Perfumery Grade
Appearance	yellow transparent liquid	colorless transparent liquid
Fragrance	--	light scent of flower

Purity, %	≥99.0	≥99.90
Acidity(ml,0.1N NaOH 2.0g)	≤0.2	≤0.2
Specific Gravity20°C ,kg/ m3	1118—1122	1118—1122
Refractive Index(nD20)	1.568—1.570	1.568—1.570
Freezing Point (°C)	≥17.0	≥17.0
Moisture (%)	≤0.3	≤0.2
Sulphate Ash (%)	≤0.1	≤0.2

Application

- 1) Benzyl benzoate is mainly used in the area of textile auxiliary, fragrance and flavor, pharmacy, plasticizer etc.
- 2) For its good performance of plasticity, solvent, safety and environmental protection, benzyl benzoate has been widely used into synthesis of lead agent, leveling agent, repair agent etc.

Packing

225kg per iron drum,80drum per 20"container;
25kg/plastic drum.

Storage

Keep container tightly closed. Keep container in a cool, well-ventilated area.

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