

# Benzyl Benzoate

## Technical Data Sheet



Product Identification	<b>Chemical Name</b>	Benzyl Benzoate
	<b>Chemical Abstracts Registry No.</b>	120-51-4
	<b>Molecular Formula</b>	C <sub>14</sub> H <sub>12</sub> O <sub>2</sub>
	<b>Molecular Weight</b>	212
Specifications	<u>Property</u>	<u>Specification</u>
	<b>Appearance</b>	Clear liquid
	<b>Assay, %</b>	99.0 minimum
	<b>Acidity, as benzoic, %</b>	0.10 maximum
	<b>Specific Gravity @ 25/25° C</b>	1.116 – 1.120
	<b>Refractive Index @ 25° C/D</b>	1.560 – 1.570
	<b>Benzyl Alcohol, %</b>	0.05 maximum
	<b>Color, APHA</b>	50 maximum
	<b>Odor</b>	Mild, characteristic
<b>Moisture (K-F), %</b>	0.10 maximum	
Physical Properties	<u>Property</u>	<u>Value</u>
	<b>Physical State</b>	Oily Liquid
	<b>Pounds per gallon</b>	9.35
	<b>Melting Point, ~ ° C</b>	20
	<b>Boiling Point, ~ ° C</b>	324
	<b>Flash Point, C.O.C., ° F</b>	295
	<b>Solubility Properties</b>	Insoluble in H <sub>2</sub> O Soluble in alcohol, chloroform, ether
	<b>Vapor Pressure</b>	4.5 mm Hg @ 156° C
	<b>Vapor Density</b>	7.3
Applications	Benzyl Benzoate is used as a constituent in dye-carrier formulations, as a solvent for cellulose, and in fragrance formulations.	

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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