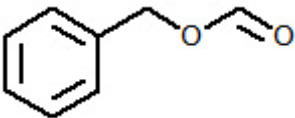


**BENZYL FORMATE**

(Code: BF)

Olfactive Note: Powerful, Floral, Fruity-spicy odor

Frequently used in perfume compositions, for floral bases like Jasmin, Gardenia, Carnation.  
In flavor compositions, used for imitation Apricot, Banana, Cherry, Chocolate, Honey, Pineapple, etc.  
One of the main components in the Japanese hedgerose.

Chemical Formula	C <sub>8</sub> H <sub>8</sub> O <sub>2</sub>		Use Level	Up to 12 ppm in Flavor
Molecular Weight (gm/Mol)	136.15			Up to 1% in Fragrance
Log P (o/w)	1.363			
Solubility in Water @ 25 °C	4257 mg/L		benzyl formate	

<input checked="" type="checkbox"/> Synthetic substance	<input checked="" type="checkbox"/> Nature-Identical	<input type="checkbox"/> Artificial	<input checked="" type="checkbox"/> Food Grade	<input checked="" type="checkbox"/> Kosher
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**PHYSICO-CHEMICAL PROPERTIES**

Appearance	Colorless to pale yellow liquid
Purity (by GLC)	95% min.
Specific Gravity	1.084 - 1.092 @ 25 °C
Refractive Index	1.5090 - 1.5140 @ 20 °C
Boiling Point	202 °C @ 760 mmHg
Flash Point	82.22 °C
Tenacity	8 Hrs
Solubility in Ethanol	1ml soluble 1ml 95% Alcohol
Acid Value	3 max. (mgKOH/gm)
Vapour Pressure	0.273000 mmHg @ 25 °C
Vapour Density	4.69 (Air=1)
Heat of Vaporization ( $\Delta_{vap}H^\circ$ )	44.81 kJ/mol

**REGULATORY REFERENCES**

CAS No.	104-57-4
FEMA	2145
EINECS	203-214-4
CoE	344
FL No.	09.077
JECFA	841
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Listed
REACH Pre-Reg. No.	---
Export Tariff Code	2915.13.0000
Anti-Oxidants/Stabilizers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Derived from GMO?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
GMO as process aid?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Synonyms: Formic acid benzyl ester; Benzyl alcohol, formate; Benzyl methanoate; Formic acid, phenylmethyl ester; Phenylmethyl formate.

Packing: As per Customer's requirement

Storage: Shelf life of 24 months from the date of manufacturing. Stable when stored in tightly sealed containers. Keep in cool and dry area, away from direct heat and light. If stored for more than 12 months, quality should be checked before use.