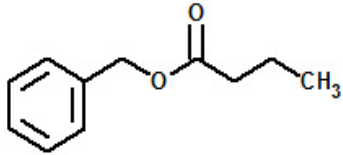


BENZYL BUTYRATE

(Code: BBUT)

Olfactive Note: Characteristic, fruity-floral, plum like odor

Used in perfume compositions as a modifier companion to Benzyl acetate and Benzyl propionate. In flavor, used for imitation Apricot, Butler, Cheese, Liquor, Loganberry, etc.

Chemical Formula	C ₁₁ H ₁₄ O ₂		Use Level	Up to 310 ppm in Flavor
Molecular Weight (gm/Mol)	178.23			Up to 8% in Fragrance
Log P (o/w)	3.017			
Solubility in Water @ 25 °C	136 mg/L			
		benzyl butanoate		
<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

PHYSICO-CHEMICAL PROPERTIES

Appearance	Clear colorless liquid
Purity (by GLC)	99% min.
Specific Gravity	1.005 - 1.010 @ 25 °C
Refractive Index	1.4920 - 1.4960 @ 20 °C
Boiling Point	238 °C to 240 °C @ 760 mmHg
Flash Point (TCC)	107.22 °C
Tenacity	64 Hrs at 100%
Solubility in Ethanol	1ml soluble in 2ml 80% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	0.037000 mmHg @ 25 °C
Vapour Density	6.14 (Air=1)
Benzyl Alcohol content	As per IFRA standard

REGULATORY REFERENCES

CAS No.	103-37-7
FEMA	2140
EINECS	203-105-1
CoE	277
FL No.	09.051
JECFA	843
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Listed
REACH Pre-Reg. No.	---
Export Tariff Code	2915.60.0000
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: Benzyl *n*-butanoate; Benzyl *n*-butyrate; Butanoic acid, phenylmethyl ester; Butyric acid, benzyl ester; Phenylmethyl butanoate

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.