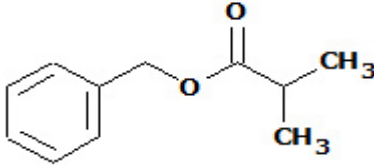


BENZYL *iso*-BUTYRATE (Code: BIBUT)

Olfactive Note: Fruity-floral, Jasmine like odor

Used as a modifier for benzyl acetate. Useful in fruity-spicy-herbaceous fragrance Types.
Used in flavor compositions in imitation Banana, Raspberry, Strawberry, and in "Tutti-frutti" flavor.

Chemical Formula	C ₁₁ H ₁₄ O ₂		Use Level	Up to 25 ppm in Flavor
Molecular Weight (gm/Mol)	178.23			Up to 6% in Fragrance
Log P (o/w)	2.861		benzyl 2-methyl propanoate	
Solubility in Water @ 25 °C	157 mg/L			
<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	1.000 - 1.006 @ 25 °C
Refractive Index	1.4880 - 1.4920 @ 20 °C
Boiling Point	229 °C @ 760 mmHg
Flash Point (TCC)	98.89 °C
Tenacity	12 Hrs at 100%
Solubility in Ethanol	1ml soluble in 6ml 70% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	0.051000 mmHg @ 25 °C
Vapour Density	6.14 (Air=1)
Benzyl Alcohol content	As per IFRA standard

REGULATORY REFERENCES

CAS No.	103-28-6
FEMA	2141
EINECS	203-095-9
CoE	301
FL No.	09.426
JECFA	844
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 2-methyl propionate; Isobutyric acid, benzyl ester; Phenylmethyl 2-methylpropanoate; Propanoic acid, 2-methyl-, phenylmethyl ester.

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.