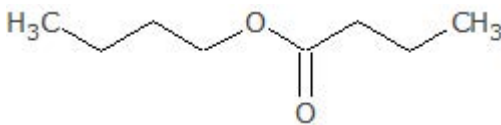


BUTYL BUTYRATE

(Code: BTB)

Olfactive Note: Fresh-fruity, Pineapple, over-ripe banana like odor

In perfumery compositions, used to create special fruity notes.
Very often used flavor compositions to imitate Pineapple, Banana, Butter, Berry, Peach, Pear etc.

Chemical Formula	C ₈ H ₁₆ O ₂		Use Level	Up to 28 ppm in Flavor
Molecular Weight (gm/Mol)	144.21			Up to 8% in Fragrance
Log P (o/w)	2.823			
Solubility in Water @ 20 °C	500 mg/L			
		butyl 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
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PHYSICO-CHEMICAL PROPERTIES

Appearance	Clear colorless liquid
Purity (by GLC)	98% min.
Specific Gravity	0.867 - 0.871 @ 25 °C
Refractive Index	1.4050 - 1.4070 @ 20 °C
Boiling Point	166 °C @ 760 mmHg
Flash Point (TCC)	49.44 °C
Tenacity	8 Hrs
Solubility in Ethanol	1ml soluble in 3ml 70% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	1.810000 mmHg @ 25 °C
Vapour Density	4.9 (Air=1)
Heat of Vaporization ($\Delta_{vap}H^\circ$)	39.10 kJ/mol

REGULATORY REFERENCES

CAS No.	109-21-7
FEMA	2186
EINECS	203-656-8
CoE	268
FL No.	09.042
JECFA	151
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Listed
REACH Pre-Reg. No.	---
Export Tariff Code	2915.60.5000
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: n-Butyl butanoate; n-Butyl n-butanoate; Butyl butylate; 1-Butyl butyrate; Butanoic acid, butyl ester; n-Butyl butyrate

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.