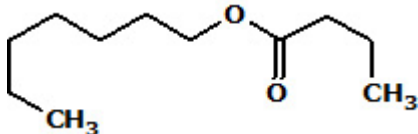


HEPTYL BUTYRATE

(Code: HB)

Olfactive Note: Sweet, fruity, green tea like odor

In perfume compositions, used to bring in nuances in fruity-green topnote complexes for Chypre or Aldehyde types. In flavor compositions, adds freshness and fruity-green aroma to imitation Raspberry, Apricot, Melon and Plum. Also used as a modifier in Cucumber odor.

Chemical Formula	C ₁₁ H ₂₂ O ₂		Use Level	Up to 7 ppm in Flavor
Molecular Weight (gm/Mol)	186.29			Up to 5% in Fragrance
Log P (o/w)	4.352		heptyl butanoate	
Solubility in Water @ 25 °C	10.87 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	0.860 - 0.864 @ 25 °C
Refractive Index	1.4190 - 1.4230 @ 20 °C
Boiling Point	226 °C @ 760 mmHg
Flash Point (TCC)	90.56 °C
Tenacity	6 Hrs
Solubility in Ethanol	Soluble
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	0.0900000 mmHg @ 25 °C
Vapour Density	6.4 (Air=1)

REGULATORY REFERENCES

CAS No.	5870-93-9
FEMA	2549
EINECS	227-526-5
CoE	504
FL No.	09.166
JECFA	154
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Not 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: n-Heptyl-n-butanoate; n-heptyl-n-butyrate; Butanoic acid, heptyl ester; Butyric acid, heptyl ester; Heptyl 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.