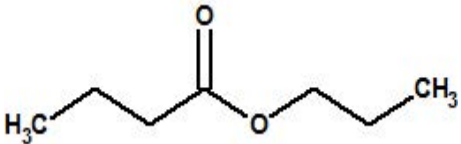


***n*-PROPYL BUTYRATE**

(Code: PB)

Olfactive Note: Ethereal, Heavy fruity, Pungent, Pineapple like odor

Frequently use in flavor compositions to imitate Banana, Tutti-fruity, Plum, Pineapple, Strawberry, Rum etc. Rarely used in perfumes compositions, although find applications in masking odors for Cosmetics applications.

Chemical Formula	C ₇ H ₁₄ O ₂	 <p>propyl butanoate</p>	Use Level	Up to 74 ppm in Flavor
Molecular Weight (gm/Mol)	130.18			Up to 5% in Fragrance
Log P (o/w)	2.314			
Solubility in Water @ 17 °C	1620 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)	98% min.
Specific Gravity	0.870 - 0.879 @ 25 °C
Refractive Index	1.3810 - 1.4010 @ 20 °C
Boiling Point	142 °C to 143 °C @ 760 mmHg
Flash Point (TCC)	38.89 °C
Tenacity	<1 Hrs
Solubility in Ethanol	Soluble
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	5.445000 mmHg @ 25 °C
Vapour Density	4.4 (Air=1)

REGULATORY REFERENCES

CAS No.	105-66-8
FEMA	2934
EINECS	203-320-0
CoE	266
FL No.	09.040
JECFA	150
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Not 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*-Propyl-*n*-butanoate; Butanoic acid, propyl ester; Butyric acid, propyl ester; Propyl butanoate; Propyl 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.