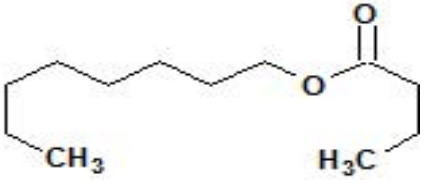


OCTYL BUTYRATE

(Code: OB)

Olfactive Note: Green-herbaceous, mildly fatty-floral, Galbanum like odor

Used rarely in perfume compositions for Geranium, Rose, Chypre bases. In flavor compositions used to imitate Butter, Cucumber, Cherry, Pineapple, Strawberry, Pistacio, Peach, Citrus, Melon, Fruit complexes etc.

Chemical Formula	C ₁₂ H ₂₄ O ₂		Use Level	Up to 18 ppm in Flavor
Molecular Weight (gm/Mol)	200.32			Up to 3% in Fragrance
Log P (o/w)	4.861			
Solubility in Water @ 25 °C	3.517 mg/L			octyl 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)	98% min.
Specific Gravity	0.859 - 0.863 @ 25 °C
Refractive Index	1.4230 - 1.4270 @ 20 °C
Boiling Point	224 °C to 226 °C @ 760 mmHg
Flash Point (TCC)	103.33 °C
Tenacity	64 Hrs at 100%
Solubility in Ethanol	Soluble
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	0.035000 mmHg @ 25 °C
Vapour Density	6.90 (Air=1)
Heat of Vaporization (Δ _{vap} H°)	51.46 kJ/mol

REGULATORY REFERENCES

CAS No.	110-39-4
FEMA	2807
EINECS	203-762-4
CoE	272
FL No.	09.046
JECFA	155
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: Butanoic acid, octyl ester; Butyric acid, octyl ester; Octyl butanoate; *n*-Octyl butyrate; *n*-Octyl *n*-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.