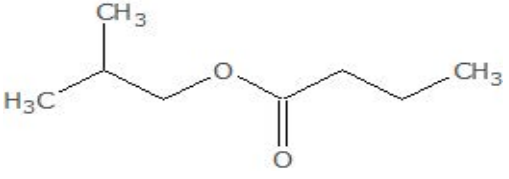


**iso-BUTYL BUTYRATE**

(Code: IBTB)

Olfactive Note: Ethereal fruity, reminiscent of Pineapple, fresher than n-butyl butyrate

Occasionally used in perfumer compositions. Potential masking agent for cresylic type undesired odor. Used in flavor compositions to imitate Apple, Pineapple, Caramel, Cherry, Banana, Rum, liquor, Pear, hard and soft fruits and in alcoholic beverages.

Chemical Formula	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub>		Use Level	Up to 2000 ppm in Flavor
Molecular Weight (gm/Mol)	144.21			Up to 12% in Fragrance
Log P (o/w)	2.760		2-methylpropyl butanoate	
Solubility in Water @ 25 °C	356.7 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	0.858 - 0.863 @ 25 °C
Refractive Index	1.4020 - 1.4050 @ 20 °C
Boiling Point	157 °C @ 760 mmHg
Boiling Point	79 °C - 80 °C @ 50 mmHg
Flash Point (TCC)	45.56 °C
Tenacity	<4 Hrs at 100%
Solubility in Ethanol	1ml soluble in 8ml 60% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	2.906000 mmHg @ 25 °C
Vapour Density	4.9 (Air=1)
Heat of Vaporization (Δ <sub>vap</sub> H°)	39.10 kJ/mol

**REGULATORY REFERENCES**

CAS No.	539-90-2
FEMA	2187
EINECS	208-729-8
CoE	269
FL No.	09.043
JECFA	158
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: 2-Methyl propanyl butyrate; Butanoic acid, 2-methylpropyl ester; Butyric acid, isobutyl ester; Isobutyl butanoate; Isobutyl *n*- butyrate; 2-Methylpropyl butanoate; 2-Methylpropyl 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.