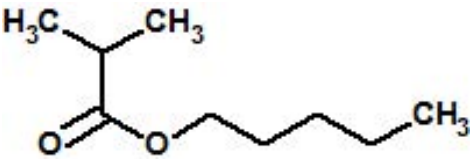


***n*-AMYL *iso*-BUTYRATE** (Code: NAIB)

Olfactive Note: Fresh fruity, Apple, Slightly buttery odor

Used in flavor of variety of foods and beverages. Perfuming agent in cosmetics.

Chemical Formula	C <sub>9</sub> H <sub>18</sub> O <sub>2</sub>	 <p style="text-align: center;">pentyl 2-methylpropanoate</p>	Use Level	Up to 50 ppm in Flavor
Molecular Weight (gm/Mol)	158.24			Up to 5% in Fragrance
Log P (o/w)	3.177			
Solubility in Water @ 25 °C	117.8 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	0.853 - 0.862 @ 20 °C
Refractive Index	1.3910 - 1.4210 @ 20 °C
Boiling Point	176 °C to 177 °C @ 760 mmHg
Flash Point (TCC)	59.44 °C
Tenacity	NA
Solubility in Ethanol	Soluble
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	1.090000 mmHg @ 25 °C
Vapour Density	5.45 (Air=1)
Heat of Vaporization ( $\Delta_{vap}H^\circ$ )	44.40 kJ/mol

**REGULATORY REFERENCES**

CAS No.	2445-72-9
FEMA	---
EINECS	219-494-6
CoE	293
FL No.	09.418
JECFA	---
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: pentyl isobutyrate; propionic acid, 2-methyl-, pentyl ester; 1-pentyl isobutyrate; n-pentyl isobutyrate; pentyl-2-methyl propionate, Isobutyric acid pentyl ester.

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.