

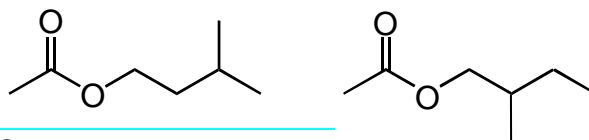


Trade name

# ISOAMYL ACETATE

**Chemical Name** ISOAMYL ACETATE

**Chemical Structure** Mixture of 3-Methylbutyl acetate and 2-Methylbutyl acetate



**Molecular Formula** C<sub>7</sub>H<sub>14</sub>O<sub>2</sub>

**Molecular Weight** 130.2

**CAS No.** 123-92-2

**EINECS No.** 204-662-3

**TSCA** On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10 max.	JIS K 0071
	Specific Gravity (20/20°C)		0.870 - 0.880	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
	Distillation test	I.B.P.	135°C min.	JIS K 0066
		D.P.	145°C max.	JIS K 0066
	Nonvolatile Matter	g/100ml	0.005 max.	JIS K 0067
	Acid Value	KOHmg/g	0.10 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	142.1
	Specific Gravity (20/20°C)		0.875
	Melting Point	°C	-78.5
	Refractive Index (n <sub>D</sub> <sup>20</sup> )		1.398
	Viscosity (20°C)	mPa·s	0.9
	Flash Point (closed cup)	°C	37
	Vapor Density (Air=1)	°C	4.5
	Explosion Limits	Vol%	1.0 – 7.5
	Ignition Point	°C	380
	Solubility (in Water 20°C)	g/100g	0.2
	Specific Heat	J/mol·K	249.9

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<b>Health Hazards</b>	Acute toxicity data on 3-Methylbutyl acetate		
	Acute Toxicity	LD50(oral)	rat 16.6g/Kg
<b>Emergency and First Aid Procedure</b>	1)Skin Contact	Remove contaminated clothing. Wash the affected area with plenty of clean water and soap. If irritation develops, see a physician.	
	2)Eye Contact	Flash eyes with plenty of clean water for at least 15 minutes while holding eyelids open. If irritation develops, see a physician.	
	3)Inhalation	If a large amount is inhaled, remove individual(s) to fresh air.	
<b>Storage</b>	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.		
<b>Extinguishing Media</b>	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.		
<b>Packing</b>	180Kg 20MT	Iron drum ISO-Container	

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**Home page**

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