

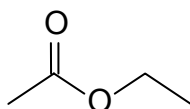


Trade name

ETHYL ACETATE

Chemical Name ETHYLACETATE

Chemical Structure CH₃COOCH₂CH₃



Molecular Formula C₄H₈O₂

Molecular Weight 88.1

CAS No. 141-78-6

EINECS No. 205-500-4

TSCA On Inventory

Specification	Item	Unit	Specification	Method
	Appearance		Clear Liquid	
	Color	APHA	10max.	JIS K 0071
	Specific Gravity (20/20°C)		0.900 - 0.904	JIS K 0061
	Purity	Wt %	99.0 min.	JIS K 0114
	Water Content	Wt %	0.10 max.	JIS K 0068
		I.B.P.	75°C min.	JIS K 0066
	Distillation test	D.R. (75-80°C)	96 ml min.	JIS K 0066
		D.P.	82°C max.	JIS K 0066
	Nonvolatile Matter	g/100ml	0.005 max.	JIS K 0067
	Acid Value	KOHmg/g	0.02 max.	JIS K 0070

Physical Property	Item	Unit	
	Boiling Point	°C	77.1
	Specific Gravity (20/20°C)		0.902
	Melting Point	°C	-83.5
	Refractive Index (n _D ²⁰)		1.370
	Viscosity (20°C)	mPa·s	0.5
	Flash Point (closed cup)	°C	-3
	Vapor Density (Air=1)	°C	3.0
	Explosion Limits	Vol%	2.2 – 11.4
	Ignition Point	°C	427
	Solubility (in Water 20°C)	g/100g	8.1
	Specific Heat (20.4°C)	J/mol·K	169

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Health Hazards	Acute toxicity data on ETHYL ACETATE		
	Acute Toxicity	LD50(oral)	rat >5,000mg/Kg
Emergency and First Aid Procedure	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.	
Storage	Tighten the cap of container and store in a cool, dry, well-ventilated, storage area of cabinet.		
Extinguishing Media	Water spray, Dry chemicals, Protein type air foams or carbon dioxide.		
Packing	180Kg	Iron drum	
	20MT	ISO-Container	

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