Technical Data Sheet

Ethyl Acetate

Revision: September 2026

Product Description

Ethyl Acetate is a clear, colorless, highly volatile organic solvent with a characteristic fruity odor. It is an ester solvent produced through the esterification of ethanol and acetic acid. Ethyl Acetate offers good solvency, rapid evaporation, relatively low toxicity, and excellent compatibility with a wide range of resins, polymers, and organic compounds. It is widely used as a solvent in coatings, adhesives, printing inks, pharmaceutical formulations, and various chemical and industrial applications.

Application Areas

Ethyl acetate is mainly used as an effective solvent in paints and coatings, printing inks, adhesives and sealants, pharmaceutical processing, chemical synthesis, cosmetics and personal care products, as well as for food flavor and fragrance extraction in suitable grades.

Key Benefits

- Fast Evapration
- Good Compatibility with various Resins and polymer
- Balanced Solvency and Drying Properties
- Low Residue After Evaporation
- High Purity and Consistent Quality
- Relatively Low Toxicity Compared with Many Organic Solvent

Safety, Handling & Storage

For complete information on the safety, handling, and storage of Ethyl Acetate, please refer to the corresponding Safety Data Sheet (SDS).

Product Specification

Property	Unit	Value	Method/Standard	Result
Appearance	-	Colorless, Clear Liquid	Visual Inspection	Colorless, Clear Liquid
Purity	%	99 (min)	ASTM D3545	99.8
Moisture Content	%	0.1 (max)	ASTM E1064	0.02
Acidity as Acetic Acid	%	0.01 (max)	ASTM D1613	0.002
Density at 20 °C	g/cm^3	0.900-0.903	ASTM D1298	0.901
Color	pt-co	10 (max)	ASTM D1209	<10

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