

## Technical Data Sheet

# Ethyl Acetate

<u>Parameter</u>	<u>Conditions</u>	<u>Unit</u>	<u>Value</u>
Density	20°C	kg/l	0.9008
Liters per tonne	20°C		1110
Boiling Point		°C	76.5
Solubility in Water		% Wt.	6.8
Solubility of Water		% Wt.	3.4
Flash Point	Closed Cup	°C	- 4
Autoignition Temperature		°C	426
Flammable Limits			
Upper		% Volume	11.5
Lower		% Volume	2.2
Viscosity	20°C	mPa.s	0.46
Refractive Index	nD20		1.373
Vapor Pressure	20°C	mbar	96.9
Relative Evaporation Rate	20°C	(n-Butyl Acetate=1)	4.2
Volume Resistivity		Ωm	1.1 x 10 <sup>7</sup>
Hansen Solubility Parameters			
δd		MPa <sup>1/2</sup> (cal.cm <sup>-3</sup> ) <sup>1/2</sup>	15.8 (7.7)
δp		MPa <sup>1/2</sup> (cal.cm <sup>3</sup> ) <sup>1/2</sup>	5.3 (2.6)
δh		MPa <sup>1/2</sup> (cal.cm <sup>3</sup> ) <sup>1/2</sup>	7.2 (3.5)
NHE Solubility Parameters			
Solubility Parameter			8.8
Fractional Polarity			0.167
Hydrogen Bonding Index			8.4

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