

## Technical Data Sheet

### n-Propyl Acetate

<u>Property</u>	<u>Value</u>
<b>Molecular Weight (g/mol)</b>	<b>102.13</b>
<b>Boiling Point @ 760 mmHg, 101 ar</b>	<b>101.5°C (214.7°F)</b>
<b>Flash Point (Setaflash Closed Cup)</b>	<b>11.8°C (53.24°F)</b>
<b>Freezing Point</b>	<b>-93°C (-135.4°F)</b>
<b>Vapor pressure @ 25°C – extrapolated</b>	<b>25 mmHg 4.79 Kpa</b>
<b>Specific Gravity (20/20°C)</b>	<b>0.888</b>
<b>Liquid Density @ 20°C</b>	<b>0.89 g/cm3</b>
<b>Vapor Density (air = 1)</b>	<b>3.5</b>
<b>Viscosity (cP or mPa•s @ 20°C)</b>	<b>0.6</b>
<b>Surface tension (dynes/cm or mN/m @ 20°C)</b>	<b>24.4</b>
<b>Specific Heat (J/g°C @ 25°C)</b>	<b>No test data available</b>
<b>Heat of vaporization (J/g) at normal boiling point</b>	<b>No test data available</b>
<b>Net heat of combustion (kJ/g) – predicted @ 25°C</b>	<b>No test data available</b>
<b>Autoignition Temperature</b>	<b>380°C (716°F)</b>
<b>Evaporation rate (n-butyl acetate = 1.0)</b>	<b>2.75</b>
<b>Solubility, g/L or % @ 20°C</b>	
<b>Solubility in water</b>	<b>2%</b>
<b>Water in Solvent</b>	<b>2.6%</b>
<b>Hansen solubility parameters</b>	
<b>(J/cm<sup>3</sup>)<sup>1/2</sup></b>	
<b>_Total</b>	<b>8.6</b>
<b>_Non-Polar</b>	<b>7.5</b>
<b>_Polar</b>	<b>2.1</b>
<b>_Hydrogen bonding</b>	<b>3.7</b>
<b>Partition Coefficient, n-octanol/water</b>	<b>1.4</b>
<b>(log Pow)</b>	
<b>Flammable limit (vol. % in air)</b>	
<b>Lower</b>	<b>1.7</b>
<b>Upper</b>	<b>8.0</b>

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