

Technical Data Sheet

Propanol

<u>Property</u>	<u>Value</u>
Molecular Weight (g/mol)	60.1
Boiling Point @ 760 mmHg, 1.01 ar	97°C (207°F)
Flash Point (Setaflash Closed Cup)	24°C (75°F)
Freezing Point	-127.5°C (-197.5°F)
Vapor Pressure @ 25° - extrapolated	14.9 mmHg 20 Pa
Specific Gravity (20/20°C)	0.803
Liquid Density @ 20°C	0.80 g/cm3
Vapor Density (air = 1)	2.1
Viscosity (cP or mPa•s @ 20°C)	2.3
Surface tension (dynes/cm or mN/m @ 20°C)	23.8
Specific heat (J/g°C @ 25°C)	No test data available
Heat of vaporization (J/g) @ normal boiling point	No test data available
Net heat of combustion (kJ/g) – predicted @ 25°C	No test data available
Autoignition temperature	400 °C (751°F)
Evaporation rate (n-butyl acetate = 1.0)	1.3
Solubility, g/L or % @ 20°C	
Solvent in water	100%
Water in Solvent	100%
Hansen solubility parameters	
(J/cm ³) ^{1/2}	
_Total	12.0
_Non-Polar	7.8
_Polar	3.3
_Hydrogen bonding	8.5
Partition Coefficient, n-octonol/water (log Pow)	0.25
Flammable limits (Vol. % in air)	
Lower	2.1
Upper	13.7

These specifications are typical and represent the quality of our product in general. The information herein is to assist customers in determining whether our product is suitable for their applications. Our product is intended for sale to industrial and commercial customers. We recommend that customers inspect and test our products before use and satisfy themselves as to content and suitability. We warrant that our products will meet our written specification. Nothing herein shall constitute any other warranty expressed or implied, including any warranty of merchantability or fitness, nor is protection from any law or patent to be inferred. Health and safety information, as well as safe handling instructions are available through our Safety Data Sheet for this product. For more information about our products, please call (323)245-2345.