

Technical Data Sheet

Ester Alcohol

<u>General Property</u>	<u>Typical Value/Units</u>
Acidity as Acetic Acid	0.05 Wt. % Max
Assay	98.5 Wt. % Min
Autoignition Temperature	393°C (739°F)
Boiling Point @ 760 mm Hg	254°C (489.2°F)
Color Pt-Co	10 Max
Critical Pressure	19.9 ATM
Critical Temperature	391.9°C
Critical Volume	718.6 ml/g-mol
Electrical Resistance	> 20 Megohms
Empirical Formula	C ₁₂ H ₂₄ O ₃
Evaporation Rate (Ether = 1) (n-Butyl acetate = 1)	6051 0.002
Expansion Coefficient, per °C @ 20°C	0.001
Flash Point Cleveland Open Cup	120°C (248°F)
Freezing Point	-50°C (-58°F)
Hansen Solubility Parameters	
Hydrogen Bonding	4.8
Nonpolar	7.4
Polar	3
Total	9.3
Heat of Combustion	-1607.7 kcal/g-mol
Hear of Vaporization	15196 cal/g-mol
Liquid Heat Capacity @ 25°C	110.74 cal/(g*mol(°C))
Liquid Viscosity @ 20°C	13.5 cP (mPa-s)
Molecular Weight	216.3
Nitrocellulose Solubility	Active
Refractive Index @ 20°C	1.4423
Solubility	
in Water, @ 20°C	0.1%
Water in, @ 20°C	3.0%

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General Property	Typical Value/Units
Specific Gravity @ 20°C/20°C	0.95
Surface Tension @ 20°C	28.9 dynes/cm
Vapor Density (air = 1)	7.5
Vapor Pressure @20°C @25°C @55°C	0.0013 k Pa (0.01 mmHg) 0.00173 kPa 0.033 kPa
Wt./ Vol @ 20°C	0.95 kg/L (7.9 lb/gal)

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CHEMICAL COMPANY

For the attention you deserve

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.