



TYPICAL PROPERTIES

Property	Typical Value, Units
General	
Molecular Formula	C ₃ H ₂ NO
Molecular Weight	73.09 g/mol
Appearance	Colorless liquid
Autoignition Temperature	445 °C
Boiling Point	152-153 °C
Critical Pressure	44 200 hPa
Critical Temperature	374 °C
Critical Volume	3.65 m ³ /kg
Density 20°C @50°C	0.949 g/cm ³ 0.921 g/cm ³
Dielectric Constant 10 kHz 25°C	36.7
Dipole moment @20°C	3.81 D (debye)
Dissociation constant, pka @20°C	-0.3
Flash Point Closed Cup	57.5 °C
Free energy of formation @25°C	239 kJ/mol
Freezing Point	9- °C
Hansen solubility parameters@ 25°C	
Dispersion	17.4 (MPa) _{1/2}
Hydrogen Bonding	11.3 (MPa) _{1/2}
Polar	13.7 (MPa) _{1/2}
Total	24.8 (MPa) _{1/2}



Heat Capacity Gas (127°C, 101.3 kPa) Liquid (25°C)	1.61 kJ/kg-K 2.03 kJ/kg-K
Heat of Vaporization @140°C @25°C	38.3 kJ/mol 47.6 kJ/mol
Octanol-water partition coefficient, log PoW	-0.85
Refractive Index @25°C	1.4278
Surface Tension @25°C	36.42 mN/m
Vapor Density (air 1)	2.52
Vapor Pressure 20°C 25°C 60°C	3.77 hPa 4.8 hPa 34.6 hPa
Viscosity 25°C	0.802 mPa-s
Water solubility	200 g/L