

## Solvents and chromatography

## 102888 Cyclohexanone extra pure

RD

Formula Hill	$C_6H_{10}O$		
Chemical formula	$C_6H_{10}O$		
Molar mass	98.15 g/mol		
Density	0.95 g/cm <sup>3</sup> (20 °C)		
pH value	~ 7 (70 g/l 20 °C)		
Form	liquid		
Color	colourless		
Odeur	pungent		
Melting point	-31 °C		
Boiling point	~ 156 °C		
Vapor pressure	~ 4.5 hPa (20 °C)	Solubility in water	~ 80 g/l (20 °C)
Explosion limits	1.3 - 9.4 Vol%	Solubility in ethanol	soluble
Flash point	43 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	19 g/m <sup>3</sup>
Evaporation number		Dielectric constant	18.3 (25 °C)
Ignition temperature	430 °C ((DIN 51794))	Dipole moment	2.9 Debye (20 °C)
Bulk density		Viscosity dynamical	2.2 mPa*s
Refractive index	1.4507 (20 °C)	Viscosity kinematical	

