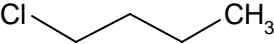


Solvents and chromatography

101692 1-Chlorobutane for liquid chromatography LiChrosolv®

Formula Hill	C ₄ H ₉ Cl		
Chemical formula	CH ₃ (CH ₂) ₃ Cl		
Molar mass	92.58 g/mol		
Density	0.886 g/cm ³ (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	pungent		
Melting point	-123 °C		
Boiling point	~ 79 °C (1013 hPa)		
Vapor pressure	~ 110 hPa (20 °C)	Solubility in water	~ 0.5 g/l (20 °C)
Explosion limits	1.8 - 10.1 Vol%	Solubility in ethanol	(20 °C) miscible in all proportions
Flash point	~ -17 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	
Evaporation number		Dielectric constant	
Ignition temperature	~ 280 °C	Dipole moment	
Bulk density		Viscosity dynamical	0.45 mPa*s (20 °C)
Refractive index		Viscosity kinematical	