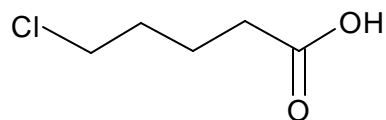


Organics, synthesis and cleaning agents

802812 5-Chlorovaleric acid for synthesis

Formula Hill	C ₅ H ₉ ClO ₂
Chemical formula	Cl(CH ₂) ₄ COOH
Molar mass	136.58 g/mol
Density	1.17 g/cm ³ (20 °C)
pH value	2.5 (100 g/l 20 °C)
Form	liquid
Color	colourless
Odeur	malodorous
Melting point	17 - 19 °C
Boiling point	138 - 140 °C (13 hPa)
Vapor pressure	
Explosion limits	
Flash point	> 110 °C
Thermal decomposition	> 195 °C
Heat of evaporation	
Evaporation number	
Ignition temperature	
Bulk density	
Refractive index	1.4555 (20 °C 589 nm)



Solubility in water	(20 °C) insoluble
Solubility in ethanol	(20 °C) soluble
Solubility in chloroform	
Water absorption	
Saturation conc. (air)	
Dielectric constant	
Dipole moment	
Viscosity dynamical	
Viscosity kinematical	