

## Organics, synthesis and cleaning agents

## 821990 3-Chloro-2-butanone for synthesis

Formula Hill	C <sub>4</sub> H <sub>7</sub> ClO		
Chemical formula	CH <sub>3</sub> CHClCOCH <sub>3</sub>		
Molar mass	106.55 g/mol		
Density	1.06 g/cm <sup>3</sup> (20 °C)		
pH value			
Form	liquid		
Color	yellow		
Odeur	pungent		
Melting point			
Boiling point	113 - 116 °C		
Vapor pressure	27 hPa (25 °C)	Solubility in water	30 g/l (20 °C)
Explosion limits	2.3	Solubility in ethanol	(20 °C) soluble
Flash point	23 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	
Evaporation number		Dielectric constant	
Ignition temperature	460 °C	Dipole moment	
Bulk density		Viscosity dynamical	
Refractive index	1.4172 (20 °C 589 nm)	Viscosity kinematical	

