

Organics, synthesis and cleaning agents

818737 Chlorotrimethylsilane for synthesis

Formula Hill	C ₃ H ₉ ClSi		
Chemical formula	(CH ₃) ₃ SiCl		
Molar mass	108.64 g/mol		
Density	0.86 g/cm ³ (20 °C)		
pH value			
Form	liquid		
Color	colourless		
Odeur	characteristic		
Melting point	-58 °C		
Boiling point	57 °C		
Vapor pressure	253 hPa (20 °C)	Solubility in water	(20 °C) (rigorous reaction), (decomposition)
Explosion limits	1.8 - 6.0 Vol%	Solubility in ethanol	
Flash point	-18 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	
Evaporation number		Dielectric constant	
Ignition temperature	417 °C	Dipole moment	
Bulk density		Viscosity dynamical	0.4 mPa*s (20 °C)
Refractive index	1.3884 (20 °C 589 nm)	Viscosity kinematical	

