

Organics, synthesis and cleaning agents

102487 Chromium(III) chloride hexahydrate extra pure

Formula Hill	$\text{Cl}_3\text{Cr} \cdot 6\text{H}_2\text{O}$		
Chemical formula	$\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$		
Molar mass	266.45 g/mol		
Density	2.76 g/cm ³ (20 °C)		
pH value	2 - 3 (50 g/l 20 °C)		
Form	solid		
Color	green		
Odeur	slightly pungent		
Melting point	95 °C		
Boiling point			
Vapor pressure	Solubility in water	59 g/100ml (20 °C)	
Explosion limits	Solubility in ethanol		
Flash point	Solubility in chloroform		
Thermal decomposition	Water absorption		
Heat of evaporation	Saturation conc. (air)		
Evaporation number	Dielectric constant		
Ignition temperature	Dipole moment		
Bulk density	~ 700 kg/m ³	Viscosity dynamical	
Refractive index		Viscosity kinematical	