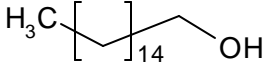


Organics, synthesis and cleaning agents

818704 Cetyl alcohol for synthesis

Formula Hill	$C_{16}H_{34}O$		
Chemical formula	$CH_3(CH_2)_{15}OH$		
Molar mass	242.45 g/mol		
Density	0.805 - 0.815 g/cm ³ (60 °C)		
pH value			
Form	solid		
Color	colourless		
Odeur	rancid		
Melting point	46 - 52 °C		
Boiling point	~ 355 °C		
Vapor pressure	< 1 hPa (20 °C)	Solubility in water	(20 °C) insoluble
Explosion limits		Solubility in ethanol	(20 °C) soluble
Flash point	> 110 °C	Solubility in chloroform	
Thermal decomposition		Water absorption	
Heat of evaporation		Saturation conc. (air)	
Evaporation number		Dielectric constant	
Ignition temperature	~ 235 °C	Dipole moment	
Bulk density	410 - 450 kg/m ³	Viscosity dynamical	8.0 mPa*s (60 °C)
Refractive index		Viscosity kinematical	