

## Product Description

### Isobutanol

Isobutanol is a low boiling alcohol and is clear and colorless with a sweet musty odor.

Property	Units	Specifications	Typical	Test Method
Molecular Weight	g/mol		74.12	
Boiling Point @760mmHg, 1.01ar			108°C (226°F)	
Flash Point (Setaflash closed cup)			31°C (88°F)	
Freezing Point			<-90°C (<-130°F)	
Vapor pressure @ 20°C-extrapolated			7.2mmHg<16hPa	
Specific Gravity (20/20°C)			0.802	
Liquid Density @ 20°C			0.80 g/cm <sup>3</sup>	
Vapor Density (air=1)			2.55	
Viscosity (cP or mPa s @20°C)			3.102	
Surface tension (dynes/cm or Mn/m @20°C)			23	
Specific heat (J/g/°C @25°C)			N/A	
Heat of vaporization (J/g) at normal boiling point			N/A	
Heat of combustion (kJ/g)-predicted @25°C			N/A	
Autoignition temperature			400°C (752°F)	
Evaporation rate (n-butyl acetate=1.0)			0.74	
Solubility, g/L or % @20°C				
Solvent in water			10%	
Water in solvent			15%	
Hansen solubility parameters	(J/cm <sup>3</sup> ) <sup>1/2</sup>			
		Total	11.1	
		Non-Polar	7.4	
		Polar	2.8	
Hydrogen bonding			7.8	
Partition Coefficient, noctanol/water	log pow		1	
Flammable limits (vol% in air)				
		lower	1.7	
		upper	10.6	



# Technical Data: Isobutyl Alcohol

Item Number

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