

Technical Data Sheet

Diisopropylamine

Chemical Synonym

N-(1-Methylethyl)-2-propanamine; 2-Propanamine, N-(1-methylethyl)-; DIPA

Product Description

Diisopropylamine (DIPA) is a colorless liquid. It is soluble in water and has an ammonia-like odor.



Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₆ H ₁₅ N
Molecular Weight	101.19 g/mol
Appearance	Colorless liquid
Autoignition Temperature	295 °C
Boiling Point	83 °C
Critical Pressure	29 920 hPa
Critical Temperature	249.06 °C
Density	
@ 20°C	0.72 g/cm ³
Dissociation constant, pKa	
@ 20°C	11
Flash Point	
Closed Cup	-13.45 °C
Freezing Point	
(1013 hPa)	<-20 °C
Heat of Vaporization ^a	
(1013 hPa)	310.65 kJ/kg
Octanol-water partition coefficient, log Pow	
@ 20°C	0.4
pH	>12.5
Vapor Density	
(air = 1)	3.48
Vapor Pressure	
@ 20°C	93.33 hPa
@ 40°C	210.5 hPa
Viscosity	
@ 25°C	0.4 mPa·s
Water solubility	Miscible

^aLatent

Packaging

- Bulk
- Steel drums (145 kg net)

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