

Technical Data Sheet

Mono-N-propylamine


Chemical Synonym

MNPA

Applications

- Pharmaceutical chemicals
- Specialty chemicals

Product Description

Mono-n-Propylamine (MNPA) is a clear colorless liquid with an ammonia-like odor. MNPA is miscible with water, alcohol and ether. 

Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₃ H ₉ N
Molecular Weight	59.11 g/mol
Appearance	Colorless liquid
Autoignition Temperature	317 °C
Boiling Point	47.2 °C
Critical Pressure	44 260 hPa
Critical Temperature	203.06 °C
Density	
@ 20°C	0.72 g/cm ³
Dissociation constant, pKa	
@ 25°C	10.68
Flash Point	
Closed Cup	<-35 °C
Freezing Point	
(1013 hPa)	-83 °C
Heat of Vaporization ^a	
(1013 hPa)	469.88 kJ/kg
Octanol-water partition coefficient, log Pow	
@ 23°C	0.28
pH	Alkaline
Vapor Density	
(air = 1)	2.03
Vapor Pressure	
@ 20°C	330 hPa
@ 40°C	1348.1 hPa

Viscosity
@ 25°C

0.353 mPa·s

Water solubility

Miscible

^aLatent

Packaging

- Bulk
- Steel drums (145 kg net)

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