

Technical Data Sheet

Tri-N-Propylamine

Chemical Synonym

TNPA

Applications

- Electronic chemicals
- Fungicides int
- Intermediates

Product Description

Tri-n-Propylamine (TNPA) is a colorless liquid.



Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₉ H ₂₁ N
Molecular Weight	143.27 g/mol
Appearance	Colorless liquid
Autoignition Temperature	180 °C
Boiling Point	156.4 °C
Critical Pressure	22 270 hPa
Critical Temperature	304.33 °C
Density	
@ 20°C	0.756 g/cm ³
Dissociation constant, pKa	
@ 20°C	10.65
Flash Point	
Closed Cup	33 °C
Freezing Point	
(1013 hPa)	-56.11 °C
Heat of Vaporization ^a	
(1013 hPa)	300.46 kJ/kg
Octanol-water partition coefficient, log Pow	
@ 25°C	0.9
pH	Alkaline
Surface Tension	61.6 mN/m
Vapor Density	
(air = 1)	4.93
Vapor Pressure	
@ 20°C	4.3 hPa

@ 40°C	5.7 hPa
Viscosity	
@ 20°C	0.677 mPa·s
Water solubility	
@ 20°C	0.444 g/L

^aLatent

Packaging

- Bulk
- Steel drums (155 kg net)

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