

Technical Data Sheet

TNBA HP

Chemical Synonym

TNBA HP

Applications

- Industrial electronics
- Paints & coatings

Product Description

Tri-n-Butylamine (TNBA) is a clear liquid. TNBA is insoluble in water and very soluble in alcohol and ether.



Typical Properties

Property	Typical Value, Units
General	
Molecular Formula	C ₁₂ H ₂₇ N
Molecular Weight	185.36 g/mol
Appearance	Colorless liquid
Autoignition Temperature	210 °C
Boiling Point	208 °C
Critical Pressure	18 240 hPa
Critical Temperature	369.89 °C
Density	
@ 20°C	0.7768 g/cm ³
Distillation range	196-221 °C
Flash Point	
Closed Cup	75 °C
Freezing Point	
(1013 hPa)	-90 °C
Heat of Vaporization ^a	
(1013 hPa)	236.97 kJ/kg
Octanol-water partition coefficient, log Pow	
@ 25°C	3.34
pH	Alkaline
Vapor Pressure	
@ 20°C	0.18 hPa
@ 40°C	1.1 hPa
Water solubility	
@ 20°C	0.080 g/L

^aLatent

Packaging

- Bulk
- Steel drums (155 kg net)

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