

# Technical Data Sheet

## Di-N-Propylamine

### Chemical Synonym

DNPA

### Applications

- Herbicides - intermediate for other

### Product Description

Di-n-Propylamine (DNPA) is a colorless liquid with an ammonia-like odor. DNPA is moderately soluble in water. 

Di-n-propylamine is primarily used to produce:

- Pesticides
- Zeolites

### Typical Properties

Property	Typical Value, Units
<b>General</b>	
Molecular Formula	C <sub>6</sub> H <sub>15</sub> N
Molecular Weight	101.19 g/mol
Appearance	Colorless liquid
Autoignition Temperature	260 °C
Boiling Point	109.3 °C
Critical Pressure	31 410 hPa
Critical Temperature	276.89 °C
Density	
@ 20°C	0.74 g/cm <sup>3</sup>
Dissociation constant, pKa	11
Flash Point	
Closed Cup	7 °C
Freezing Point	
(1013 hPa)	-40 °C
Heat of Vaporization <sup>a</sup>	
(1013 hPa)	350.04 kJ/kg
Octanol-water partition coefficient, log Pow	1.33
pH	Alkaline
Vapor Density	
(air = 1)	3.48
Vapor Pressure	
@ 20°C	24.3 hPa
@ 25°C	26.8

@ 40°C	70.0 hPa
Viscosity	
@ 25°C	0.517 mPa·s
Water solubility	
@ 20°C	Partly soluble 46.4 g/L

<sup>a</sup>Latent

## Packaging

- Bulk
- Steel drums (150 kg net)

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