

# Dipropylene Triamine

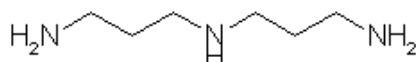
Baxxodur® EC 110

Technical Data Sheet

January 2012

 **BASF**  
The Chemical Company

Formula ..... C<sub>6</sub>H<sub>17</sub>N<sub>3</sub>  
Molecular Weight..... 131.2  
PRD Number ..... 30036766  
CAS Registry Number..... 56-18-8



Product Specifications	Value	Test Method
Assay, % minimum	99.0	GC
1,3-Diaminopropane, % maximum	1.0	GC
Water, % maximum	0.2	DIN 51 777
Color, APHA maximum	20	DIN EN 1557

## Physical Properties

Melting temperature, °C.....	-16
Boiling temperature, °C.....	239
Density @ 20°C, g/cm <sup>3</sup> .....	0.928
Flash point, °C.....	117
Ignition temperature °C.....	280

## Description

Dipropylene triamine is a colorless to yellow liquid with an amine-like odor.

## Synonyms

Dipropylenetriamine  
N-(3-Aminopropyl)-1,3-propanediamine  
1,5,9-Triazanonane  
3,3'-Iminobis(propylamine)  
Di(3-aminopropyl)amine  
Bis(3-amionopropyl)amine

## Safety

Dipropylene triamine is very toxic by inhalation and toxic in contact with skin. Harmful if swallowed and it can cause burns. May cause sensitization by skin contact.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on safety.

## Applications

Intermediates used in the production of:

- Hardeners for epoxy resins
- Initial product for chemical syntheses
- Wood Preservative

## Packaging

Available in drums.

## Storage & Handling

Dipropylene triamine has shelf life of 24 months in unopened, original container if stored at room temperature. Protect from fire, static discharges, acids and acid forming substances.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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