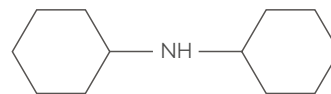


- **Chemical formula:** C<sub>12</sub>H<sub>23</sub>N
- **CAS No.:** 101-83-7
- **HS No.:** 2921 3099
- **Registration No.:** 01-2119493354-33-0000
- **Appearance:** Dicyclohexylamine is colourless or yellowish liquid with characteristic amine-like odour.



## GENERAL CHARACTERISTICS

Parameter	Unit	Requirements
<b>Density at 25 °C</b>	kg/m <sup>3</sup>	910.4
<b>Boiling point</b>	°C	253.8
<b>Flash point</b>	°C	105
<b>Melting point</b>	°C	-0.1

## APPLICATIONS AREA

Used especially for production of **cure accelerator, lubricants and cutting fluids**, for production of anticorrosion agents and in rubber industry.

## SEGMENTS

- Accelerators for polymers
- Catalysis and Chemicals Processing
- Chemical synthesis
- Lubricants and oils
- Manufacturing of pharmaceutical agents
- Paper and board
- Petrol components
- Petroleum
- Pharmaceutical industry / Biotechnology
- Polymer auxiliaries
- Polymers

## SPECIFICATIONS

Parameter	Unit	Requirements
<b>Dicyclohexylamine</b>	wt. % min.	99.0
Organic impurities	wt. % max.	0.7
Water	wt. % max.	0.3

## SYNONYMS

N-Cyclohexanamine  
N-Cyclohexylcyclohexanamine  
N,N-Dicyclohexylamine  
Dodecahydrodiphenylamine  
Perhydrodiphenylamine

## HEALTH HAZARD EFFECTS

Toxic if swallowed and in contact with skin. Vapours irritate and damage eyes, airways and skin and may cause oedema of larynx and lungs. Liquid is very irritating to eyes and skin.

## ADR REGULATIONS

UN 2565 DICYCLOHEXYLAMINE, 8, III, (E)

## PACKAGING

Rail tank cars  
Road tank cars  
Drums (216 l) 180 kg  
IBC (1,000 l) 850 kg  
Tank containers