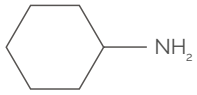
CYCLOHEXYLAMINE

BorsodChem
Chemistry for generations

CYCLOHEXYLAMINE

- **Chemical formula:** $C_6H_{13}N$
- **CAS No.:** 108-91-8
- **HS No.:** 2921 3010
- **Registration No.:** 01-2119486803-29-0001
- **Appearance: Cyclohexylamine is oily colourless to yellowish liquid with strong fishy odour. It is solvable in water and organic solvents.**



GENERAL CHARACTERISTICS

Parameter	Unit	Requirements
Density at 25 °C	kg/m³	864.7
Boiling point	°C	134.5
Flash point	°C	28
Melting point	°C	-17

SPECIFICATIONS

Parameter	Unit	Requirements
Cyclohexylamine	wt. % min.	99.7
Hydrocarbons C6	wt. % max.	0.05
Cyclohexanol	wt. % max.	0.05
Aniline	wt. % max.	0.005
Water	wt. % max.	0.1
Colour	Hazen max.	50

APPLICATIONS AREA

Cyclohexylamine is used especially for the industrial **water treatment,** for the production of cure accelerator, for the manufacturing of **synthetic sweeteners** and in a **rubber industry** for the production of vulcanisation accelerators.

SEGMENTS

- **Agriculture**
- **Catalysis and Chemicals Processing**
- **Chemical synthesis**
- **Dyestuffs, pigments and optical brighteners**
- **Food industry and auxiliaries**
- **Hardener and crosslinking agents for polymers**
- **Industrial Water Treatment**
- **Lubricants and oils**
- **Manufacturing of diabetics**
- **Manufacturing of herbicides and pesticides**
- **Manufacturing of insecticides / acaricides**
- **Manufacturing of pharmaceutical agents**
- **Manufacturing of sweeteners**
- **Manufacturing of textile dyestuffs**
- **Petroleum**
- **Polymer auxiliaries**
- **Polymers, Polymerisation initiator**
- **Specialities, Stabilizers for explosives**

SYNONYMS

Aminocyclohexane
Aminohexahydrobenzene
Cyclohexanamine
Hexahydroaniline
Hexahydrobenzenamine

HEALTH HAZARD EFFECTS

Caustic and toxic. Vapours severely irritate eyes and airways. Possible risk of impaired fertility.

ADR REGULATIONS

UN 2357 CYCLOHEXYLAMINE, 8, II, (D/E)

PACKAGING

Rail tank cars	
Road tank cars	
Drums (216 l)	175 kg
IBC (1,000 l)	822 kg
Tank containers	

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