

Dicyclohexylamine

Clear to pale yellow liquid

Product Description

Dicyclohexylamine used as a corrosion inhibitor and chemical intermediate.

Certificate of Analysis

HSN Code: 2921.19

CAS Number: 101-83-7

Classification: Hazardous

Parameter	Specification	Test Method
Purity (GC area %)	"e 98.0 %	Gas Chromatography
Assay (by GC)	98.0% - 101.0%	Gas Chromatography
Water Content (%)	Max 0.5%	Karl Fischer
Color	Clear to pale yellow liquid	Visual
Odor	Amine-like, fishy	Sensory
Boiling Point (°C)	211 - 215	Distillation
Density (20°C)	0.87 - 0.90 g/cm ³	Hydrometer

Physical Properties

Appearance: Clear to pale yellow liquid

Odor: Amine-like, fishy

Molecular Formula: C₁₂H₂₃N

Molecular Weight: 181.32 g/mol

Solubility: Slightly soluble in water, soluble in organic solvents

Density: 0.87 - 0.90 g/cm³

Boiling Point: 211 - 215 °C

Packing: 200 kg MS drums, 1000 kg IBC tanks, Bulk tanker shipments

Storage: Store in a cool, dry, and well-ventilated area. Keep away from heat, sparks, open flames. Use explosion-proof electrical equipment.

Safety & Handling

PPE: Chemical-resistant gloves, goggles, face shield, protective clothing, respiratory protection

Hazards:

- Flammable liquid
- Corrosive to skin and eyes
- Toxic if inhaled