

Descriptions:

Product:Dicyclohexylamine

Synonyms:N,N-Dicyclohexylamine;Perhydrodiphenylamine;DCHA

Molecular Formula:C12H23N

Molecular Weight:181.32

CAS:101-83-7

EINECS:202-980-7

InChI:1S/C12H23N/c1-3-7-11(8-4-1)13-12-9-5-2-6-10-12/h11-13H,1-10H2

Physicochemical properties:

Melting point:	-2°C
Boiling point:	256°C
Water solubility:	1G/L(20°C)
Refractive index:	1.4832-1.4852
Flash point:	103°C
Density:	0.912
Properties descriptions:	Colorless transparent oil liquid,pungent ammonia smell , flammable and high toxic. Melting point is about 20°C , Freezing point-2°C , Boiling point 255.8°C (Decomposition) , 87-93°C (1.73kPa) , Relative density0.9103 (20、4°C) , Refractive index 1.4823, 1.4842, Flash point 96°C 。 Miscible with organic solvents, slightly soluble in water, strongly alkaline.

Safety information:

Safety descriptions:S26 : in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S45: If you have an accident or feel unwell, go to your doctor for help immediately (preferably with a product container label).

S60: The substance residues and containers must be disposed of as hazardous waste

S61: Avoid discharge of this substance residue into the environment. Refer to special instructions/safety data sheets.

S36/37/39: Wear appropriate protective clothing, gloves and use goggles or face masks.

Dangerous mark:C: Corrosive substance

N: Environmental hazardous substance

Risk codes: R22: Harmful if swallowed.

R34: Causes burns

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

UN code :UN2565

MSDS report: Dicyclohexylamine MSDS report

Storage and transport information:

It should be sealed and stored in a dry and cool ventilated warehouse

Other information:

Product application:Used in organic synthesis and as insecticide, acid gas absorbent, steel anti-rust

agent.

Production method and others: Dicyclohexylamine was prepared by hydrogenation of aniline at high temperature and high pressure in the presence of catalyst.

Packaging:

200KG/ drum storage: It is recommended to store in dry and cool areas and properly ventilated. After the original packaging, please fasten the packaging cover as soon as possible to prevent moisture and other substances from mixing and affecting the product performance. Do not inhale dust and avoid skin and mucous membrane contact. Smoking, eating and drinking are prohibited in the workplace. After work, shower and change. Store contaminated clothes separately and reuse them after washing. Maintain good hygiene.

Contact Us

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