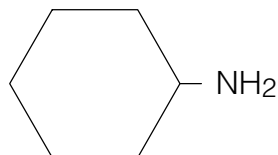


Cyclohexylamine

Technical Data Sheet

May 1995

Formula:..... C₆H₁₃N
Molecular Weight:..... 99.2
Product Number: 591481
CAS Registry Number:.... 108-91-8



Description

Cyclohexylamine is a clear, colorless liquid free of suspended matter. It is miscible with water and almost all common organic solvents.

Safety

Cyclohexylamine is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract.

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

Specifications	Value	Test Method
Assay, % minimum	99.5	G.C.
Water, % maximum	0.30	Karl Fischer
Color, APHA maximum	15	Pt/Co
Suspended matter	none	visual

Physical Properties

Boiling range, °C	133 –134
Freezing point, °C	–18
Density @ 20°C, g/ml	0.867
Weight/gallon, lbs	7.2
Flash point, °C	27

Applications

Intermediate used in the production of:

- pharmaceuticals
- agricultural chemicals
- dyes
- textile chemicals
- rubber chemicals
- corrosion inhibitors
- plasticizers
- emulsifiers
- photographic chemicals
- hardeners for epoxy resins
- catalysts for polyurethane resins

Packaging

Available in tank trucks and 396 lb (net weight) non-returnable steel drums.

Shipping & Handling

Cyclohexylamine has an almost unlimited shelf life in unopened, original containers when properly stored in a protected storage area. It is neither explosive nor spontaneously flammable in air. However, it is flammable and corrosive.

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

IMPORTANT: While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. Further, you expressly understand and agree that the descriptions, designs, data and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the description, designs, data and information given or results obtained, all such being given and accepted at your risk.

© 1995 BASF Corporation

Customer Service:

EAST 1-800-426-8696

CENTRAL 1-800-634-9127

WEST 1-800-543-1740

BASF Corporation

Chemicals Division

3000 Continental Drive - North

Mount Olive, New Jersey 07828-1234

Chemical Intermediates

BASF