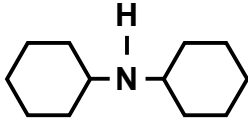


Dicyclohexylamine



Empirical Formula C₁₂H₂₃N
Molecular Weight 181.32
CAS # 101-83-7

General Description

Dicyclohexylamine (DCHA) is a strongly basic, clear, colorless liquid amine. The material has a characteristic amine odor and tends to darken on standing. DCHA is readily soluble in common organic solvents, but is only slightly soluble in water.

Applications

- Rubber Chemicals
- Acid Acceptors

Physical Properties

Chemical Synonym	DCHA
Specific Gravity @39°F (4°C)	0.93
Liquid Density	
lb/gal @68°F	7.62
g/ml @20°C	0.91
Freezing Point	
°F@1atm	28.40
°C@1atm	-2.00
Vapor Pressure mm Hg	
@68°F	0.02
kPa @20°C	0.0031
Vapor Pressure mm Hg	
@104°F	0.13
kPa @40°C	0.0169
Normal Boiling Point	
°F	492.07
°C	255.59
Critical Temperature	
°F	883.20
°C	472.89
Critical Pressure	
atm	25.66
kPa	2600
Flash Point,Closed Cup	
°F	211.1
°C	99.50
kPa	11.25
Latent Heat of Vaporization Btu/lb	
@ 1atm J/G	109.77
@ 1 atm	255.32

North America

Air Products and Chemicals, Inc.
Industrial Chemicals Division
7201 Hamilton Boulevard
Allentown, PA 18195-1501 U.S.A.
Tel 800-345-3148
(Outside the U.S. and Canada 610-481-6799)
Fax 610-481-4381
<http://www.airproducts.com/amines>

Europe

Air Products Chemicals Division Europe
c/o Air Products Nederland B.V.
Kanaalweg 15
P.O. Box 3193
3502 GD Utrecht
Netherlands
Tel 31-30-2857100
Fax 31-30-2857111

Air Products Gases Industriais Ltda. (APGIL)

Praca Radialista Manoel de Nobrega, 65
Casa Verde
02517-160 São Paulo-SP
Brazil
Tel 55-11-3856-1669
Fax 55-11-3856-1781

Asia

Air Products Asia, Inc.
Suite 6505-7, Central Plaza
18 Harbour Road
Wanchai, Hong Kong
Tel 852-2527-0515
Fax 852-2527-1957

Air Products Japan, Inc.
3-18-19, Toranomon, Minato-Ku
Tokyo 105
Japan
Tel 81-3-3432-7036
Fax 81-3-3432-7052

tell me more
www.airproducts.com