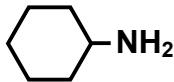


Cyclohexylamine, Anhydrous



Empirical Formula C₆H₁₃N
Molecular Weight 99.18
CAS # 108-91-8

General Description

Cyclohexylamine, Anhydrous (CHA) is a strongly basic, clear liquid amine. The material has a characteristic amine odor and tends to darken on standing. CHA is soluble in water and common organic solvents, and an azeotrope is formed with water which boils at 96.4°C.

Applications

- Boiler Water Treatment
- Rubber Chemicals
- Cyclamates

Physical Properties

Chemical Synonym	CHA
Specific Gravity @39°F (4°C)	0.88
Liquid Density	
lb/gal @68°F	7.23
g/ml @20°C	0.87
Freezing Point	
°F@1atm	-2.38
°C@1atm	-19.10
Vapor Pressure mm Hg	
@68°F	7
kPa @20°C	0.99
Vapor Pressure mm Hg	
@104°F	23
kPa @40°C	3.02
Normal Boiling Point	
°F	273.28
°C	134.05
Critical Temperature	
°F	647.40
°C	341.89
Critical Pressure	
atm	36.81
kPa	3730
Flash Point,Closed Cup	
°F	79.7
°C	26.50
kPa	10.64
Latent Heat of Vaporization Btu/lb	
@ 1atm J/G	155.62
@ 1 atm	361.96

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