



NORTH METAL & CHEMICAL COMPANY

World Class Molybdenum & Tungsten Compounds

Since 1921

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Amines

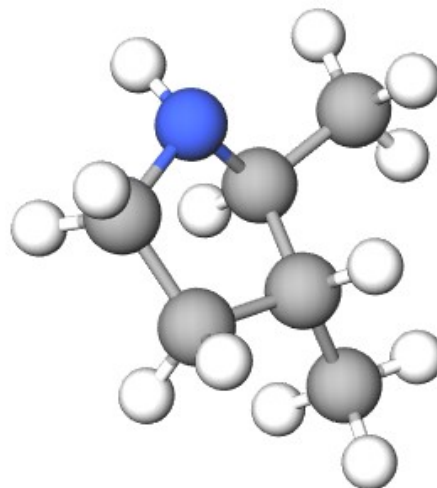
Technical Data Sheet

CYCLOHEXYLAMINE

Cyclohexylamine (CHA) is a clear colorless liquid free of suspended matter. It is miscible with water and almost all common organic solvents. Cyclohexylamine is used as a corrosion inhibitor in boiler feed water, and has important applications as a chemical intermediate in insecticides, dry-cleaning soaps, gas absorbents, rubber chemicals and plasticizers. CAS: 108-91-8

Technical Specifications: C₆H₁₃N

| | |
|---------------------------|-------------------------------|
| Appearance | Colorless, transparent liquid |
| Cyclohexylamine, % weight | 99.7 min. |
| Cyclohexanol, % weight | 0.05 max. |
| Moisture (Water %) | 0.10 max |
| Specific Gravity @ 20°C | 0.867 |
| Molecular Weight | 99.18 |
| Weight/gallon, lbs. | 7.2 |
| Freezing Point, °C | -16°C |
| Color APHA (Hazen) | 50.0 Max |



Packaging: Available in 386 lb. steel drums.

Storage: Store in a cool, dry well-ventilated area. Keep containers closed when not in use. Avoid exposure to extreme temperatures, contact with incompatible chemicals, and uncontrolled contact with accelerants.

Shelf Life: At least five years if properly stored in unopened container.

Safety: Cyclohexylamine is corrosive to the skin and eyes. Inhalation of vapors may irritate the respiratory tract. Flammable. Refer to MSDS for additional precautions.



Cyclohexylamine - Technical Data Sheet