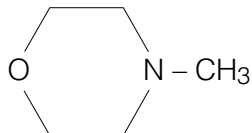


N-Methylmorpholine

Technical Data Sheet

December 1996

Formula:..... C₅H₁₁NO
Molecular Weight:..... 101.2
Product Number: 550532
CAS Registry Number:.... 109-02-4



Description

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

Safety

N-Methylmorpholine is corrosive to the skin and eyes and may cause permanent eye damage. Ingestion may cause severe gastric disturbances.

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

Customer Service:

EAST 1-800-426-8696
WEST 1-800-543-1740

Product Specifications	Value	Test Method
Assay, % minimum	99.0	G.C.
Color, APHA maximum	15	Pt/Co
Impurities: Water, % maximum	0.3	Karl Fischer

Physical Properties

Freezing point, °C	- 65
Boiling range, °C	111 - 114
Density @ 20°C, g/cm ³	0.92
Flash point, °C	14
Weight/gallon, lbs.	7.67

Applications

Intermediate used in the production of:

- pharmaceuticals
- agriculture chemicals
- polyurethane catalysts

It is also used as:

- a corrosion inhibitor
- a rubber auxiliary
- a textile auxiliary
- a wax emulsifier
- a solvent and extractant

Packaging

Available in 396 lb (net weight) nonreturnable steel drums.

Storage & Handling

N-Methylmorpholine has an almost unlimited shelf life in unopened, original containers if protected from heat and when properly stored in a protected storage area. It is neither explosive nor spontaneously flammable in air. However, it is highly flammable, malodorous and corrosive.

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

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