

Hefei TNJ Chemical Industry Co.,Ltd.

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Technical Data Sheet

4-Methylmorpholine

Product Information

Chemical Name 4-Methylmorpholine

CAS # 109-02-4
EINECS 203-640-0
Formula C5H11NO
Molecular Weight 101.15

Synonyms 4-Methyl-1-oxa-4-azacyclohexane; N-Methylmorpholine; NMM

Chemical structure



Description

Colorless liquid. With characteristic odor.

Soluble in organic solvent, can miscibility with water and ethanol.

Physical Properties

Melting point-66.1 $^{\circ}$ CBoiling point115-116 $^{\circ}$ CFlash point13 $^{\circ}$ CDensity0.92

Refractive index 1.4339-1.4359

Specification

ItemstandardAssay, % min99.5Color, APHA max.15

Water, % max.

0.05

Applications

It can be used in/with:

- Catalyst
- Extraction agent
- · Chlorine hydrocarbon stability agent
- · Corrosion inhibitor
- · Analysis reagent
- Drug manufacture

Packaging

180kg plastic drum

Total 14.4MT per 20ft container with pallets or without pallets

Safety

CLASS 3: Flammable liquid. Class 8: Corrosive material Always refer to the Material Safety Data Sheet (MSDS)

Storage & Handling

Store in a segregated and approved area. Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame). Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

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

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