



Reliance Value Innovation

SHANGHAI SUNWISE CHEMICAL Co., Ltd.

ISO9001:2008 certified

www.sunwisechem.com

TECHNICAL DATA SHEET

Product Name: Morpholine

Identification

Synonyms Diethylene oximide; Tetrahydro-1,4-oxazine; Diethyleneimide oxide

Molecular Formula C₄H₉NO

Molecular Weight 87.12

CAS Number 110-91-8

EINECS/CLINCS 203-815-1

Properties

Appearance colorless clear liquid, hygroscopic

Melting Point -7~-5°C

Solubility miscible with water and soluble in ethanol and ether

Stability stable under ordinary conditions

Specification

Item	Specification
Purity	99.50% min.
Boiling Point	126.0-129.0°C
Moisture	0.30% max.
Color (Hazen, Pt-Co)	10# max.

Application

Used as an intermediate for organic synthesis, especially for rubber chemicals for vulcanization and stabilization, Corrosion inhibitors and so on.

Packing and Storage

Packing: In 200kgs net steel or plastic drum.

Storage: Keep tightly closed. Keep away from heat, sparks, and open flame.

Safety Information

Flammable liquid. Corrosive

UN 2054 8/PG 1

Detailed safety information is contained in each Material Safety Data Sheet, which can be obtained from our company. Please contact at: sales@sunwisechem.com.