

Technical Data Sheet

Version: 1.0
Page 1, Total 1

Date: 18 / 6 / 2026



Item Name:

THF

PRODUCT INFORMATION

Chinese Name:	四氢呋喃
Commodity Name:	THF
Chemical Name:	Tetrahydrofuran
Other Name:	Oxolane, Furanidine, Diethylene Oxide
CAS No.:	109-99-9
Molecular Weight:	72.107
Molecular Formula:	C ₄ H ₈ O
DG Class:	3
UN No.:	2924
Packing Group:	II

PRODUCT DESCRIPTION

Tetrahydrofuran is a heterocyclic organic compound, belongs to the ethers. It's a product of fully hydrogenated furan, colorless transparent liquid, volatile liquid. Soluble in water, ethanol, ethyl ether, acetone, benzene, etc., mainly used as solvent, chemical intermediates, analytical reagent. Used as a kind of medium polarity solvent in the chemical reaction and extraction.

TECHNICAL SPECIFICATION

Index	Standard
Appearance	Colorless liquid
Content by wt %	99.5 min
Moisture by ppm	80 max
Peroxide (H ₂ O ₂) by mg/L	20 max

MAIN APPLICATION

1. The organic solvent for organic chemistry and materials.
2. As reagents for chromatography experiment analysis, solvents and raw material for polyester.
3. In the pharmaceutical industry, it can be used to produce corpus luteum copper, rifamycin and organic solvent in drugs.
4. Used as surface coating, anticorrosion coating, water-based ink, the tape and plastic film coating of organic solvent, reflecting the organic solvent.

PACKING AND SHELF LIFE

Packing: 180kg iron drum

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheet is for informational purposes only and is not considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.