



FURCHEM B.V.

Vareseweg 63

3047 AT Rotterdam, The Netherlands

Ph. +31 (0)10 200 48 14

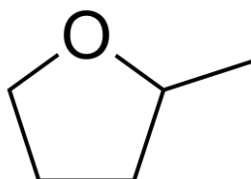
Mob. +31 (0)6 53 53 10 12

manfred@furchem.nl

<https://www.furchem.nl>

2-METHYLTETRAHYDROFURAN

Technical Data Sheet



Chemical nature

Chemical Name:	2-Methyltetrahydrofuran
Molecular formula:	$C_5H_{10}O$
Molecular weight:	86.13 g/mol
EC number:	202-507-4
CAS number:	96-47-9
Synonyms:	Tetrahydro-2-methylfuran, MeTHF

Packaging

Available in drums (170kg)

Physical data

Appearance:	clear colourless liquid
Odour:	similar to the smell of ether
Boiling point:	78°C/272mmHg (lit.)
Flash point:	-11° (CC)
Melting point / freezing point:	-136°C
Explosive Limit Ranges:	5.7% (V) (upper), 1.2% (V) (lower)
Auto ignition temp:	260°C
Density (g/ml):	0.86 (A 25°C)
Vapour pressure:	14000 Pa
Vapour density:	2.9
Viscosity:	0.484 mm ² /s (A20°C)
Refractive Index:	1.548 – 1.552
Water solubility:	poorly soluble
Other solubility:	soluble in alcohol, benzene, ether
Log Pow:	1.1



FURCHEM B.V.

Vareseweg 63

3047 AT Rotterdam, The Netherlands

Ph. +31 (0)10 200 48 14

Mob. +31 (0)6 53 53 10 12

manfred@furchem.nl

<https://www.furchem.nl>

Applications

Use as solvent in chemical synthesis, for grignard reactions or organometallic reactions

Use in solvent recovery, as an extraction solvent

Use as additive in bio-fuels

Shelf life

The product should be stored under ambient conditions (max. 25°C), protected from exposure to direct sunlight, heat sources and air. Storage under nitrogen atmosphere is recommended.

Shelf life: 24 months after production (with stabilizer)

Other information

UN number: 2536

ADR/ADN/RID hazard class: 3, code F1

IMDG hazard class: 3

ICAO hazard class: 3

HS code: 2932.1900