

## Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,02
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
240 nm	%	min. 60
250 nm	%	min. 80
260 nm	%	min. 90
270 nm	%	min. 96
280 nm	%	min. 97

Guarantee: 3 years from production date.

**Regulatory and transport information**

Symbol: F Xi

R-phrases: 11-38

S-phrases: 9-16-24

ADR Class and package group: 3,II

UN Number: 2398

Name (acc. to UN): tert-butyl methyl ether

**Physical and chemical properties**

Form: liquid

Colour: colourless

Odour: characteristic

pH value: not available

Melting point: -108,6°C

Boiling point: 55,3°C (1013 hPa)

Ignition temperature: 460°C

Flash point: -28°C

Explosion limit:

lower: 1,65 Vol%

upper: 8,4 Vol%

Dynamic viscosity: 0,36 mPa·s (20°C)

Vapour pressure: 268 hPa (20°C)

Density: 0,74 g/cm<sup>3</sup> (20°C)

Bulk density: not applicable

Solubility:

in water: ~ 26 g/l (10°C)

in organic solvents: soluble