

Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,05
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
275 nm	%	min. 60
280 nm	%	min. 80
290 nm	%	min. 88
300 nm	%	min. 94
320 nm	%	min. 98

Guarantee: 3 years from production date.

Regulatory and transport information

Symbol: T

R-phrases: 61-20/21-36

S-phrases: 53-45

ADR Class and package group: 3,III

UN Number: 2265

Name (acc. to UN): N,N-dimethylformamide

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: amine-like

pH value: (200g/l H₂O, 20°C): 7

Melting point: -60°C

Boiling point: 153°C

Ignition temperature: 440°C

Flash point: 59°C

Explosion limit:

lower: 2,2 Vol%

upper: 16 Vol%

Dynamic viscosity: (20°C): 0,82 mPa*s

Vapour pressure: 4.9 mbar (20°C)

Density: 0,95 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: soluble

in organic solvents: not available