

Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water	%	max. 0,2
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
335 nm	%	min. 50
340 nm	%	min. 85
350 nm	%	min. 98
355 nm	%	min. 99

Guarantee: 3 years from production date.

Regulatory and transport information

Symbol: F Xi

R-phrases: 11-36-66-67

S-phrases: 9-16-26

ADR Class and package group: 3,II

UN Number: 1090

Name (acc. to UN): acetone

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: characteristic

pH value: 5-6 (395 g/l H₂O, 20°C)

Melting point: -95°C

Boiling point: 56°C

Ignition temperature: 465°C

Flash point: -20°C

Explosion limit:

lower: 2,5 Vol%

upper: 13 Vol%

Dynamic viscosity: 0,33 mPa*s (20°C)

Vapour pressure: 233 mbar (20°C)

Density: 0,79 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: soluble

in organic solvents: not available