

Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,01
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
250 nm	%	min. 50
260 nm	%	min. 90
280 nm	%	min. 98
300 nm	%	min. 99

Guarantee: 3 years from production date.

Regulatory and transport information

Symbol: T F

R-phrases: 45-11-22-36/37/38

S-phrases: 53-45

ADR Class and package group: 3,II

UN Number: 1184

Name (acc. to UN): 1,2-dichloroethane

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: sweetish

pH value: not available

Melting point: -35,5°C

Boiling point: 83 - 84,1°C (1013 hPa)

Ignition temperature: 412,6 - 440°C

Flash point: 13°C

Explosion limit:

lower: 6 Vol%

upper: 11,4 Vol%

Dynamic viscosity: 0,82-0,84 mPa*s

Vapour pressure: 87 hPa (20°C)

Density: 1,25 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: 8,7 g/l (20°C)

in organic solvents: soluble (ethanol)