

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):		
230 nm	%	min. 50
240 nm	%	min. 80
260 nm	%	min. 95
280 nm	%	min. 98
300 nm	%	min. 99

Guarantee: 3 years from production date.

Regulatory and transport information

Symbol: F

R-phrases: 11

S-phrases: 9-16-29

ADR Class and package group: 3,II

UN Number: 1127

Name (acc. to UN): chlorobutanes

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: characteristic

pH value: not available

Melting point: -123°C

Boiling point: 78°C

Ignition temperature: ~280°C

Flash point: ~-17°C

Explosion limit:

lower: 1,8 Vol%

upper: 10,1 Vol%

Dynamic viscosity: 0,45 mPa*s (20°C)

Vapour pressure: 82,5 mbar (20°C)

Density: 0,88 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: ~0,5 g/l (20°C)

in organic solvents: ethanol