

Specification

Parameter	unit	Requirements
Assay (GC)	%	min. 99,8
Water (KF)	%	max. 0,03
Acidity	meq/g	max. 0,0005
Evaporation residue	%	max. 0,0005
UV - transmittion (1 cm, water):		
230 nm	%	min. 65
240 nm	%	min. 80
250 nm	%	min. 90
260 nm	%	min. 95
310 nm	%	min. 99

Guarantee: 3 years from production date.

Regulatory and transport information

Symbol: X_n

R-phrases: 10-22-37/38-41-67

S-phrases: 7/9-13-26-37/39-46

ADR Class and package group: 3,III

UN Number: 1120

Name (acc. to UN): butanols

Physical and chemical properties

Form: liquid

Colour: colourless

Odour: ethanolic

pH value: not available

Melting point: -89,5°C

Boiling point: 117,2°C

Ignition temperature: 340°C

Flash point: 36°C

Explosion limit:

lower: 1,4 Vol%

upper: 11,3 Vol%

Vapour pressure: 6,7 mbar (20°C)

Density: 0,81 g/cm³ (20°C)

Bulk density: not applicable

Solubility:

in water: 79 g/l H₂O (20°C)

in organic solvents: soluble