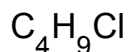


n-Butyl chloride



Synonym	1-Chlorobutane
CAS-No.	109-69-3
Molar Mass	92.6 g/mol
Packaging	Drum 180 kg

Specification

Property	Value	Unit	Method
Purity	min. 99.5	%	P2-AV-10 *) [GC]
n-Butanol	max. 0.05	%	P2-AV-10 *) [GC]
Colour (APHA)	max. 10		ASTM-D-1209 [visual]
Acid value	max. 0.05	mg KOH/g	ASTM-D-664 [titration]
Water	max. 0.05	%	ASTM-E-203 [titration]

* In-house method

Physical Data

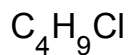
Property	Value (approx.)	Unit	Method
Melting point/Solidification point	- 123	°C	ASTM-D-1015
Boiling point at 1013 hPa	79	°C	ASTM-D-1078
Boiling point at 533 hPa	60	°C	ASTM-D-1078
Boiling point at 67 hPa	10	°C	ASTM-D-1078
Specific heat at 20 °C	1.67	J/(g K)	DIN 51 007
Density (20 °C)	0.886	g/ml	ASTM-D-941

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n-Butyl chloride



further data

Physical Data

Property	Value (approx.)	Unit	Method
Refractive index (n_D^{20})	1.403		ASTM-D-1218
Viscosity at 20°C	0.45	mPa s	ASTM-D-2270
Flash point	- 17	°C	DIN EN 22 719
Ignition temperature	280	°C	ASTM-E-659
Solubility in water at 20°C	0.5	g/l	

Safety data, transport regulations and toxicological data are indicated in the safety data sheet.

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