

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	47399
<b>Product</b>	<b>1-Chlorobutane</b> Butyl chloride <i>n</i> -Butyl chloride
<b>CAS Number</b>	109-69-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>9</sub> Cl
<b>Molecular Weight</b>	92.57

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<b>Appearance</b>	Clear, colorless liquid
<b>Solubility</b>	Insoluble in water. Degree of solubility in water 0.66 g/L 12 °C. Miscible with alcohol, ether
<b>Melting Point</b>	-123 to -124 °C
<b>Boiling point</b>	77 - 78 °C
<b>Flash Point</b>	-13 °C
<b>Density</b>	0.886
<b>Refractive Index</b>	1.402
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 99%
<b>Application</b>	1-Chlorobutane is used as an alkylating reagent in organic and organometallic compound synthesis. It is also employed as an anthelmintic in veterinary medicine.
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**