

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	49231
<b>Product</b>	<b>1-Bromo-2-methylpropane</b> Isobutyl bromide
<b>CAS Number</b>	78-77-3
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>9</sub> Br
<b>Molecular Weight</b>	137.019

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<b>Appearance</b>	Colorless to light yellow liquid
<b>Solubility</b>	Insoluble in water. Miscible with ether, acetone & alcohol
<b>Melting Point</b>	-119 to -117 °C
<b>Boiling point</b>	90 - 92 °C
<b>Flash Point</b>	18 °C
<b>Density</b>	1.26
<b>Refractive Index</b>	1.436
<b>Purity by GC</b>	≥ 99%
<b>Application</b>	It has been used in a reaction with 1-ethylimidazole in a 140 °C oil bath to yield 97% 1-ethyl-1,3-isobutylimidazolium bromide
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**