

# Chem-Impex International, Inc.

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## Product Specifications

<b>Catalogue Number</b>	47434
<b>Product</b>	<b>Chlorodimethylsilane</b> Dimethylchlorosilane DMCS
<b>CAS Number</b>	1066-35-9
<b>Molecular Formula</b>	C <sub>2</sub> H <sub>7</sub> ClSi
<b>Molecular Weight</b>	94.61
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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Almost clear, colorless liquid
<b>Melting Point</b>	-111 °C
<b>Boiling point</b>	34 - 36 °C
<b>Flash Point</b>	-20 °C
<b>Density</b>	0.869
<b>Refractive Index</b>	1.383
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 95%
<b>Application</b>	Chlorodimethylsilane is used to prepare vinyl dimethylsilanols for palladium-catalyzed cross-coupling with aryl iodides
<b>Storage</b>	Store at 2 - 8 °C, under inert gas

**For Laboratory Use Only**