

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42976
<b>Product</b>	<b>3-Methanesulfonyl-2-oxo-1-</b> 1-Chlorocarbonyl-3-methanesulfonyl-2-imidazolidinone 1-Chloroformyl-3-methanesulfonyl-2-imidazolidinone
<b>CAS Number</b>	41762-76-9
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>7</sub> ClN <sub>2</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	226.63

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<b>Warnings</b>	<i>Moisture Sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to light yellow crystalline powder
<b>Solubility</b>	Soluble in acetone
<b>Melting Point</b>	178 - 182 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by GC</b>	≥ 96%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**