

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39089
<b>Product</b>	<b>Stearoyl chloride</b> Octadecanoyl chloride
<b>CAS Number</b>	112-76-5
<b>Molecular Formula</b>	C <sub>18</sub> H <sub>35</sub> ClO
<b>Molecular Weight</b>	302.93

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<b>Warnings</b>	<i>Moisture sensitive! Heat sensitive!</i>
<b>Appearance</b>	White or colorless to light yellow powder to lump to clear liquid
<b>Melting Point</b>	19 - 21 °C
<b>Boiling point</b>	214 - 216 °C / 15 mmHg
<b>Density</b>	0.900
<b>Refractive Index</b>	1.450
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 97%
<b>Purity by GC</b>	≥ 97%
<b>Application</b>	Store under inert gas
<b>Storage</b>	Store at RT

**For Laboratory Use Only**