

# *Chem-Impex International, Inc.*

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## *Product Specifications*

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| <b>Catalogue Number</b>  | 39063  |
| <b>Product</b>           | <b>Palmitoyl chloride</b><br>n-Hexadecanoyl chloride |
| <b>CAS Number</b>        | 112-67-4   |
| <b>Molecular Formula</b> | C <sub>16</sub> H <sub>31</sub> ClO                  |
| <b>Molecular Weight</b>  | 274.87   |

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|---------------------------|--|
| <b>Warnings</b>           | <i>Moisture sensitive! Heat sensitive!</i>             |
| <b>Appearance</b>         | Colorless to light yellow to light orange clear liquid |
| <b>Melting Point</b>      | 9 - 11 °C  |
| <b>Boiling point</b>      | 199 - 201 °C/15 mmHg                                   |
| <b>Flash Point</b>        | 166 °C   |
| <b>Density</b>            | 0.910  |
| <b>Refractive Index</b>   | 1.450  |
| <b>Infrared Spectrum</b>  | Conforms to structure                                  |
| <b>Assay by titration</b> | ≥ 97%  |
| <b>Purity by GC</b>       | ≥ 97%  |
| <b>Storage</b>            | Store at RT  |

**For Laboratory Use Only**