

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Product Specifications*

<b>Catalogue Number</b>	47580
<b>Product</b>	<b>4-Phenylbenzoyl chloride</b> 4-Biphenylcarbonyl chloride
<b>CAS Number</b>	14002-51-8
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>9</sub> ClO
<b>Molecular Weight</b>	216.66

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Almost white powder
<b>Solubility</b>	Soluble in toluene
<b>Melting Point</b>	111 - 116 °C
<b>Boiling point</b>	160 °C/2 mmHg
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C, under inert gas

**For Laboratory Use Only**