

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	45366
<b>Product</b>	<b>3-(Trifluoromethyl)benzoyl chloride</b> <i>α,α,α-Trifluoro-<i>m</i>-tolyl chloride</i>
<b>CAS Number</b>	2251-65-2
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>4</sub> ClF <sub>3</sub> O
<b>Molecular Weight</b>	208.56

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<b>Warnings</b>	<i>Light Sensitive! Moisture Sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless to light yellow clear liquid
<b>Boiling point</b>	85 °C/10 mmHg
<b>Flash Point</b>	>110 °C
<b>Density</b>	1.41
<b>Refractive Index</b>	<i>n</i> <sup>20</sup> <sub>D</sub> 1.48
<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

**For Laboratory Use Only**