

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	43231
<b>Product</b>	<b>Thioxanthone</b> 9-Oxothioxanthene Thioxanthen-9-one
<b>CAS Number</b>	492-22-8
<b>Molecular Formula</b>	C <sub>13</sub> H <sub>8</sub> OS
<b>Molecular Weight</b>	212.27

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<b>Appearance</b>	White to light yellow crystalline powder
<b>Solubility</b>	Slightly soluble in alcohol. Very soluble in benzene, chloroform. Insoluble in water
<b>Melting Point</b>	213 - 217 °C
<b>Boiling point</b>	373 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**