

# Chem-Impex International, Inc.

---

**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

---

## Product Specifications

<b>Catalogue Number</b>	39610
<b>Product</b>	<b>(S)-4-Chloromethyl-2,2-dimethyl-1,3-dioxolane</b>
<b>CAS Number</b>	60456-22-6
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> ClO <sub>2</sub>
<b>Molecular Weight</b>	150.6

---

<b>Warnings</b>	<i>Moisture sensitive! Store under inert gas!</i>
<b>Appearance</b>	Colorless clear liquid
<b>Boiling point</b>	62 - 64 °C / 37 mmHg
<b>Flash Point</b>	53 °C
<b>Density</b>	1.11 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.44$
<b>Optical Rotation</b>	$[\alpha]_{20D} = -40$ to $-46$ ° (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	≥ 97% (Argentometric titration)
<b>Purity by GC</b>	≥ 97%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**