

# 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>  | 39137  |
| <b>Product</b>           | <b>Citral dimethyl acetal (<i>cis</i>- and <i>trans</i>- mixture)</b><br>1,1-Dimethoxy-3,7-dimethyl-2,6-octadiene ( <i>cis</i> - and <i>trans</i> - mixture)<br>3,7-Dimethyl-2,6-octadienal dimethyl acetal ( <i>cis</i> - and <i>trans</i> - mixture) |
| <b>CAS Number</b>        | 7549-37-3  |
| <b>Molecular Formula</b> | C <sub>12</sub> H <sub>22</sub> O <sub>2</sub>   |
| <b>Molecular Weight</b>  | 198.31   |

---

|                          |   |
|--------------------------|---|
| <b>Warnings</b>          | <i>Moisture sensitive! Store under inert gas!</i> |
| <b>Appearance</b>        | Colorless clear liquid                            |
| <b>Boiling point</b>     | 103 °C / 9 mmHg                                   |
| <b>Flash Point</b>       | 82 °C   |
| <b>Density</b>           | 0.89  |
| <b>Refractive Index</b>  | 1.45  |
| <b>Infrared Spectrum</b> | Conforms to structure                             |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                             |
| <b>Purity by GC</b>      | ≥ 90%   |
| <b>Storage</b>           | Store at RT                                       |

**For Laboratory Use Only**