

# 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>  | 43375                                                   |
| <b>Product</b>           | <b>1-Formylpiperazine</b><br>1-Piperazinecarboxaldehyde |
| <b>CAS Number</b>        | 7755-92-2                                               |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>10</sub> N <sub>2</sub> O         |
| <b>Molecular Weight</b>  | 114.15                                                  |

---

|                          |                                                              |
|--------------------------|--------------------------------------------------------------|
| <b>Warnings</b>          | <i>Air Sensitive! Store under inert gas!</i>                 |
| <b>Appearance</b>        | Colorless to slightly yellow to slightly orange clear liquid |
| <b>Boiling point</b>     | 266 °C                                                       |
| <b>Flash Point</b>       | 102 °C                                                       |
| <b>Density</b>           | 1.11                                                         |
| <b>Refractive Index</b>  | $n_D^{20}$ 1.51                                              |
| <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**