

# *Chem-Impex International, Inc.*

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## *Product Specifications*

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| <b>Catalogue Number</b>  | 39075  |
| <b>Product</b>           | <b>trans-2-Pentenal</b><br>2-Ethylacrylic aldehyde |
| <b>CAS Number</b>        | 1576-87-0  |
| <b>Molecular Formula</b> | C <sub>5</sub> H <sub>8</sub> O                    |
| <b>Molecular Weight</b>  | 84.12  |

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|--------------------------|--|
| <b>Warnings</b>          | <i>Light sensitive! Air sensitive! Heat sensitive!</i> |
| <b>Appearance</b>        | Colorless to light yellow to light orange clear liquid |
| <b>Boiling point</b>     | 80 - 82 °C/160 mmHg                                    |
| <b>Flash Point</b>       | 22 °C  |
| <b>Density</b>           | 0.850  |
| <b>Refractive Index</b>  | 1.440  |
| <b>Infrared Spectrum</b> | Conforms to structure                                  |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                                  |
| <b>Purity by GC</b>      | ≥ 95%  |
| <b>Storage</b>           | Store at RT  |

**For Laboratory Use Only**