

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

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|--|---|
| <b>Product:</b>  | <b>Octanal 95%, Natural (Aldehyde C-8)</b>  |
| <b>FEMA No:</b>  | <b>2797</b>   |
| <b>CAS No:</b>   | <b>124-13-0</b>   |
| <b>CFR No:</b>   | <b>117</b>  |
| <b>Chemical name or Synonyms:</b>                      | <b>Octyl Aldehyde</b>   |
| <b>Empirical Formula:</b>                              | <b>C<sub>8</sub>H<sub>16</sub>O</b>   |
| <b>Declaration in USA:</b>                             | <b>Natural</b>  |
| <b>EEC:</b>  | <b>Natural flavoring substance</b>  |
| <b>Appearance:</b>                                     | <b>Colorless to light yellow liquid</b>   |
| <b>Odor:</b>   | <b>Sharp, fatty, fruity</b>   |
| <b>Boiling Point:</b>                                  | <b>~171°C</b>   |
| <b>Flash Point:</b>                                    | <b>~56°C</b>  |
| <b>Specific Gravity @ 25°C:<br/>(for liquids only)</b> | <b>0.810-0.880</b>  |
| <b>Refractive Index @ 20°C:<br/>(for liquids only)</b> | <b>1.418-1.438</b>  |
| <b>Purity (GLC):</b>                                   | <b>90% Min</b>  |
| <b>Solubility:</b>                                     | <b>Soluble in most organic solvents</b>   |
| <b>Storage and Shelf Life:</b>                         | <b>Store under nitrogen refrigerated in tightly closed<br/>container away from light and source of ignition.<br/>12 Months shelf life</b> |

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