

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Nonanal 50% in Ethanol, Natural</b>
<b>FEMA No:</b>	<b>2782</b>
<b>CAS No:</b>	<b>124-19-6 / 64-17-5</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Nonanaldehyde; Nonanoic aldehyde C-9</b>
<b>Empirical Formula:</b>	<b>C<sub>9</sub>H<sub>18</sub>O</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless or slightly yellow liquid</b>
<b>Odor:</b>	<b>Strong fatty, also orange and rose when diluted</b>
<b>Boiling Point:</b>	<b>&lt;93 °C</b>
<b>Flash Point:</b>	<b>&gt;40 °C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.830-0.840</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.400-1.410</b>
<b>Content (GLC):</b>	<b>50% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol, most fixed oils, and propylene glycol insoluble in glycerine</b>
<b>Storage and Shelf Life:</b>	<b>Store cool under nitrogen in closed container away from light and sources of ignition. 12 Months shelf life</b>

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