

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Decanal (Aldehyde C-10), Natural</b>
<b>FEMA No:</b>	<b>2362</b>
<b>CAS No:</b>	<b>112-31-2</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Decaldehyde; decanaldehyde</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>20</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 pale yellow liquid</b>
<b>Odor:</b>	<b>Pronounced fatty</b>
<b>Acid Value:</b>	<b>NMT 10.0</b>
<b>Boiling Point:</b>	<b>209°C</b>
<b>Flash Point:</b>	<b>83°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.820-0.840</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.425-1.440</b>
<b>Purity (GLC):</b>	<b>92% Min</b>
<b>Solubility:</b>	<b>Miscible with alcohol, fixed oils and propylene glycol; insoluble in glycerin and water</b>
<b>Storage and Shelf Life:</b>	<b>Store under nitrogen in a cool, dry area away from light and source of ignition 12 months shelf life – Under Nitrogen</b>

Revision #4 8/9/2022