

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Aldehyde C-11 Undecylenic, Natural</b>
<b>FEMA No:</b>	<b>3095</b>
<b>CAS No:</b>	<b>112-45-8</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>10-Undecenal</b>
<b>Empirical Formula:</b>	<b>C<sub>11</sub>H<sub>20</sub>O</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>-</b>
<b>Appearance:</b>	<b>Colorless to pale yellow liquid</b>
<b>Odor:</b>	<b>Characteristic, rosy, citrus</b>
<b>Boiling Point:</b>	<b>235°C</b>
<b>Flash Point:</b>	<b>93°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.840-0.850</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.440-1.447</b>
<b>Purity (GLC):</b>	<b>95 %Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol, propylene glycol and fixed oils; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in tightly closed container, away from light and source of ignition at max. 8°C. 12 Months shelf life</b>

Revision #3 8/5/2022