

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Caprylic Acid (Octanoic Acid), Natural</b>
<b>FEMA No:</b>	<b>2799</b>
<b>CAS No:</b>	<b>124-07-2</b>
<b>CFR No:</b>	<b>184.1025; 117</b>
<b>Chemical name or Synonyms:</b>	<b>Octanoic Acid</b>
<b>Empirical Formula:</b>	<b>C<sub>8</sub>H<sub>16</sub>O<sub>2</sub></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>Slightly fatty; fruity</b>
<b>Acid Value (mg KOH/gm):</b>	<b>366-396</b>
<b>Boiling Point:</b>	<b>237°C</b>
<b>Flash Point:</b>	<b>110°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.905-0.915</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.420-1.430</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Insoluble in water; soluble in organic solvents</b>
<b>Storage and Shelf Life:</b>	<b>May be stored in epoxy or other fatty acid resistant lined drums at ordinary temperatures. Uncoated steel containers are not recommended for prolonged storage. Pumps, valves and storage tanks should be of stainless steel or aluminum 36 Months shelf life</b>

Revision #3 8/8/2022