

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Gamma Octalactone, EU, Natural</b>
<b>FEMA No:</b>	<b>2796</b>
<b>CAS No:</b>	<b>104-50-7</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>4-Hydroxyoctanoic acid <math>\gamma</math>-lactone</b>
<b>Empirical Formula:</b>	<b>C<sub>8</sub>H<sub>14</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 clear to light yellow liquid</b>
<b>Odor:</b>	<b>Coconut</b>
<b>Boiling Point:</b>	<b>234°C</b>
<b>Flash Point:</b>	<b>110°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.975-0.988</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.440-1.448</b>
<b>Purity (GLC):</b>	<b>95% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol; slightly soluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in cold, dark area at temperatures less than 70°F 24 months shelf life</b>

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