

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Butyl Butyrate (n-Butyl Butyrate), Natural</b>
<b>FEMA No:</b>	<b>2186</b>
<b>CAS No:</b>	<b>109-21-7</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>1-butyl butyrate</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 liquid</b>
<b>Odor:</b>	<b>Strong, fruity</b>
<b>Boiling Point:</b>	<b>165°C</b>
<b>Flash Point:</b>	<b>49.4°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.867-0.877</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.405-1.407</b>
<b>Purity (GLC):</b>	<b>98% Min</b>
<b>Solubility:</b>	<b>Slightly soluble in water and propyl glycol; 1mL in 3mL 70% alcohol; miscible in alcohol, ether and most vegetable oils</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool, dry place away from light and ignition source. 24 Months shelf life</b>

Revision #2 March 13, 2019