

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Butyl Isobutyrate, Natural</b>
<b>FEMA No:</b>	<b>2188</b>
<b>CAS No:</b>	<b>97-87-0</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>n-butyl-2-methyl propanoate</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>166°C</b>
<b>Flash Point:</b>	<b>49°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.855-0.865</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.400-1.405</b>
<b>Purity (GLC):</b>	<b>97% Min</b>
<b>Solubility:</b>	<b>Soluble in alcohol 1mL in 7mL 60% alcohol; miscible in alcohol, ether, most fixed oils; insoluble in glycerin, propylene glycol and water</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 #3 8/8/2022