

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Ethyl-3-Hydroxy Butyrate, Natural</b>
<b>FEMA No:</b>	<b>3428</b>
<b>CAS No:</b>	<b>5405-41-4</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>3-hydroxybutyric acid ethyl ester</b>
<b>Empirical Formula:</b>	<b>C<sub>6</sub>H<sub>12</sub>O<sub>3</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Colorless viscous liquid</b>
<b>Odor:</b>	<b>Fresh, fruity, grape</b>
<b>Boiling Point:</b>	<b>170°C</b>
<b>Flash Point:</b>	<b>64.4°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>1.000-1.017</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.416-1.424</b>
<b>Purity (GLC):</b>	<b>99% Min</b>
<b>Solubility:</b>	<b>Soluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store cool under nitrogen in tightly closed container away from light and source of ignition. 24 months shelf life</b>

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