

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>3-Octyl Butyrate, Natural</b>
<b>FEMA No:</b>	<b>4402</b>
<b>CAS No:</b>	<b>20286-45-7</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Butanoic acid, 1-ethylhexyl acetate</b>
<b>Empirical Formula:</b>	<b>C<sub>12</sub>H<sub>24</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>Clear, colorless to slightly pale yellow liquid</b>
<b>Odor:</b>	<b>Green, fruity, herbal citrus, musty</b>
<b>Boiling Point:</b>	<b>243-245°C</b>
<b>Flash Point:</b>	<b>~94°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.856-0.865</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.420-1.425</b>
<b>Purity (GLC):</b>	<b>98% min</b>
<b>Solubility:</b>	<b>Soluble in alcohol, most fixed oils, propylene glycol slightly soluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store under cool conditions in a clean environment away from light and ignition sources. Recommended storage in unopened containers. 24 months shelf life.</b>

Revision #2 8/4/2022