

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Fenchyl Acetate, Natural</b>
<b>FEMA No:</b>	<b>3390</b>
<b>CAS No:</b>	<b>13851-11-1</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>1,3,3-Trimethyl-2-norbornanyl acetate</b>
<b>Empirical Formula:</b>	<b>C<sub>12</sub>H<sub>20</sub>O<sub>2</sub></b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>-</b>
<b>Appearance:</b>	<b>Colorless, clear, mobile liquid</b>
<b>Odor:</b>	<b>Mild sweet odor like fir oil</b>
<b>Boiling Point:</b>	<b>220°C</b>
<b>Flash Point:</b>	<b>76°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.966-0.979</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.452-1.462</b>
<b>Purity (GLC):</b>	<b>95% Min</b>
<b>Solubility:</b>	<b>Slightly soluble in water; soluble in oils and ethanol</b>
<b>Storage and Shelf Life:</b>	<b>Store in cool, dry place in tightly sealed containers, protected from light and ignition source. 24 month shelf life</b>

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