

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>4-Hydroxy-2,5-Dimethyl-3(2H)-Furanone Neat, Natural</b>
<b>FEMA No:</b>	<b>3174</b>
<b>CAS No:</b>	<b>3658-77-3</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Strawberry Furanone</b>
<b>Empirical Formula:</b>	<b>C<sub>6</sub>H<sub>8</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>White to pale yellow solid; Very hygroscopic</b>
<b>Odor:</b>	<b>Sweet, fruity aroma</b>
<b>Melting Point (For Solids only):</b>	<b>78-80°C</b>
<b>Flash Point:</b>	<b>101°C</b>
<b>Purity (GLC):</b>	<b>98% min</b>
<b>Solubility:</b>	<b>Soluble in oil and ethanol; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in a cool, dry area, away from heat and open flames, at 4°C. Decomposes rapidly when exposed to air at temperatures above 30°C. 12 months shelf life at 4°C if seal is not broken; otherwise store in PG as 20% solution.</b>

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