

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Maltol, Natural</b>
<b>FEMA No:</b>	<b>2656</b>
<b>CAS No:</b>	<b>118-71-8</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>3-Hydroxy-2-methyl-4-pyrone</b>
<b>Empirical Formula:</b>	<b>C<sub>6</sub>H<sub>6</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 crystalline powder</b>
<b>Odor:</b>	<b>Caramel, butterscotch; jam-like in dilution</b>
<b>Melting Point:</b>	<b>160 -164°C</b>
<b>Flash Point:</b>	<b>110°C</b>
<b>Purity (GLC):</b>	<b>99% Min</b>
<b>Solubility:</b>	<b>Sparingly soluble in water; soluble in propylene glycol and ethanol</b>
<b>Storage and Shelf Life:</b>	<b>Store under cool conditions in a clean environment away from heat and ignition sources. Recommended storage in unopened containers- 24 Months shelf life</b>

Revision #4 8/15/2022