

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Acetoin (Acetyl Methyl Carbinol), Natural (Powder)</b>
<b>FEMA No:</b>	<b>2008</b>
<b>CAS No:</b>	<b>513-86-0</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical name or Synonyms:</b>	<b>Acetyl methyl carbinol</b>
<b>Empirical Formula:</b>	<b>C<sub>4</sub>H<sub>8</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>Pale yellow to white crystalline powder</b>
<b>Odor:</b>	<b>A buttery odor and taste</b>
<b>Melting Point:</b>	<b>90-93°C</b>
<b>Boiling Point:</b>	<b>148°C</b>
<b>Flash Point:</b>	<b>45°C</b>
<b>Purity (GLC):</b>	<b>96% min</b>
<b>Solubility:</b>	<b>Miscible in alcohol, propylene glycol, water insoluble in vegetable oils</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. 12 months shelf life</b>

Revision #3 8/5/2022