

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Thiomenthone (p-Mentha-8-Thiol-3-one), Natural</b>
<b>FEMA No:</b>	<b>3177</b>
<b>CAS No:</b>	<b>38462-22-5</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical Name or Synonyms:</b>	<b>p-Mentha-8-thiol-one</b>
<b>Empirical Formula:</b>	<b>C<sub>10</sub>H<sub>18</sub>OS</b>
<b>Declaration in USA:</b>	<b>Natural</b>
<b>EEC:</b>	<b>Natural flavoring substance</b>
<b>Appearance:</b>	<b>Pale yellow to yellow liquid</b>
<b>Odor:</b>	<b>Sulfur Mint</b>
<b>Boiling Point:</b>	<b>120°C</b>
<b>Flash Point:</b>	<b>108°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.995-1.010</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.490-1.509</b>
<b>Purity (GLC):</b>	<b>97% Min</b>
<b>Solubility:</b>	<b>Soluble in most organic solvents; insoluble in water</b>
<b>Storage and Shelf Life:</b>	<b>Store in tightly sealed containers at a max. 20°C, and away from light and sources of ignition. 12 Months shelf life</b>

Revision #3 8/21/2022