

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

<b>Product:</b>	<b>Mercaptobutanone 5% in Neobee, Natural</b>
<b>FEMA No:</b>	<b>3298</b>
<b>CAS No:</b>	<b>40789-98-8</b>
<b>CFR No:</b>	<b>117</b>
<b>Chemical Name or Synonyms:</b>	<b>3-Mercapto-2-butanone</b>
<b>Empirical Formula:</b>	<b>C<sub>4</sub>H<sub>8</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>Eggy, roasted, meaty and dairy</b>
<b>Boiling Point:</b>	<b>&gt;250°C</b>
<b>Flash Point:</b>	<b>&gt;230°C</b>
<b>Specific Gravity @ 25°C: (for liquids only)</b>	<b>0.945-0.965</b>
<b>Refractive Index @ 20°C: (for liquids only)</b>	<b>1.446-1.456</b>
<b>Content (GLC):</b>	<b>5%</b>
<b>Solubility:</b>	<b>Soluble in 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. 6 Months shelf life</b>

Revision #3 8/16/2022