

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

Product:	Mercaptobutanone 5% in EtOH, Natural
FEMA No:	3298
CAS No:	40789-98-8
CFR No:	117
Chemical Name or Synonyms:	3-Mercapto-2-butanone
Empirical Formula:	C <sub>4</sub> H <sub>8</sub> OS
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Colorless to yellow liquid
Odor:	Eggy, roasted, meaty and dairy
Boiling Point:	78°C
Flash Point:	18°C
Specific Gravity @ 25°C: (for liquids only)	0.810-0.825
Refractive Index @ 20°C: (for liquids only)	1.365-1.455
Content (GLC):	5%
Solubility:	Soluble in water and in most organic solvents
Storage and Shelf Life:	Store in tightly sealed containers at a max. 20°C, and away from light and sources of ignition. 6 Months shelf life

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