

# Product Specification



The Natural Choice for Flavor  
and Fragrance Ingredients

Product:	Maple furanone, Natural
FEMA No:	3153
CAS No:	698-10-2
CFR No:	117
Chemical name or Synonyms:	5-Ethyl-3-hydroxy-4-methyl-2-furanone
Empirical Formula:	C <sub>7</sub> H <sub>10</sub> O <sub>3</sub>
Declaration in USA:	Natural
EEC:	Natural flavoring substance
Appearance:	Clear, yellow to brown solid or viscous liquid
Odor:	Maple
Melting Point:	31-35°C
Boiling Point:	N/A
Flash Point:	~94°C
Specific Gravity @ 25°C: (for liquids only)	1.115-1.145
Refractive Index @ 20°C: (for liquids only)	1.486 -1.493
Purity (GLC):	95% min
Solubility:	Soluble in water and most organic solvents.
Storage and Shelf Life:	Store under cool conditions in a clean environment away from light and ignition sources. 36 Months shelf life

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