

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0453 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	07/08/2020

**Product Identifiers**

Product Name:	2,5-DIMETHYL-4-HYDROXY-3(2H) FURANONE		
Synerzine Item #	<b>W0453</b>	CAS #	3658-77-3
		FEMA #	3174

**Material Properties**

Molecular Formula	C6H8O3	Flash Point (°F, CC)	>230
Molecular Weight	128	Boiling Point	215°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Slightly soluble in water; soluble in alcohol and propylene glycol.
Storage and Stability	Store in a fully closed container, under inert atmosphere, in a cool (<~20°C), dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Keep away from heat and flame.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	White	Pale yellow
Odor	Organoleptic Analysis	None	Sweet, fruity, strawberry, burnt caramel	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

**Notes**

This product is hygroscopic (susceptible to environmental water vapor absorption).  
 Also known as: STRAWBERRY FURANONE; Furaneol; Pineapple ketone; Fraision

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
 Quality Control Dept.

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