

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W01800 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	09/23/2019

**Product Identifiers**

Product Name:	3-KETOBUTYRALDEHYDE DMA
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Synerzine Item #	<b>W01800</b>	CAS #	5436-21-5	FEMA #	3381
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**Material Properties**

Molecular Formula	C6H12O3	Flash Point (°F, CC)	121
Molecular Weight	132.16	Boiling Point	178°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water and alcohols.
Storage and Stability	Store in fully closed container in 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	Colorless	Colorless
Odor	Organoleptic Analysis	None	Sweet, spearmint	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.993	0.998
Refractive Index	Refractometric Analysis	nD20	1.414	1.424

**Notes**

Also known as: 4,4-dimethoxy-2-buta  
3-oxobutanal dimethyl acetal  
acetylacetaldehyde DMA

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

**Synerzine**

Quality Control Dept.

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