

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	W0826 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	002
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	04/23/2019

**Product Identifiers**

Product Name:	ACETYL BUTYRYL
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Synerzine Item #	<b>W0826</b>	CAS #	3848-24-6	FEMA #	2558
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**Material Properties**

Molecular Formula	C6H10O2	Flash Point (°F, CC)	82
Molecular Weight	114.15	Boiling Point	128°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water, soluble in Propylene Glycol, Ethyl alcohol and all common perfume and flavor materials.
Storage and Stability	Store in fully closed container in cold (~5°C) dry place.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. <b>LOW FLASH POINT (82F)</b> . Keep away from heat, flames, and other ignition sources.

**Specified Critical Limits**

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Yellow	Yellow
Odor	Organoleptic Analysis	None	Creamy-sweet, heavy-buttery, oily, "somewhat milder than"	
Chemical Purity	Gas Chromatography	%	84.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.935	0.955
Refractive Index	Refractometric Analysis	nD20	1.403	1.423

**Notes**

ALSO KNOWN AS 2,3-HEXANEDIONE.

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

**Synerzine**  
Quality Control Dept.

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