

 synerzine TM	Title: W0810 Product Specification	
	Document #: 02-1006	Rev #: 003
	Status: ACTIVE	Date Issued: 08/16/2023

Product Identifiers

Product Name:	*3,4-HEXANEDIONE
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Synerzine Item #	W0810	CAS #	4437-51-8	FEMA #	3168
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Material Properties

Molecular Formula	C6H10O2	Flash Point (°F, CC)	88
Molecular Weight	114.15	Boiling Point	123-125°C;760mmHg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly in water, soluble in organic solvents.
Storage and Stability	Store in fully closed container at <0°C under inert gas headspace.
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	Yellow	Yellow
Odor	Organoleptic Analysis	None	Buttery, toasted, nutty, almond	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.935	0.955
Refractive Index	Refractometric Analysis	nD20	1.408	1.418

Notes

*OTHER NAME:
DIPROPIONYL
-Is sensitive to heat and air exposure

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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