

 synerzine TM	Title: W1670 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/05/2019

Product Identifiers

Product Name:	2-PENTANONE
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Synerzine Item #	W1670	CAS #	107-87-9	FEMA #	2842
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Material Properties

Molecular Formula	C5H10O	Flash Point (°F, CC)	44.6
Molecular Weight	86.13	Boiling Point	102°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; water, 4.30E+04mg/L @25°C
Storage and Stability	Store in fully closed container under inert gas. Stable for years, with slight development of discoloration.
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	Pale yellow
Odor	Organoleptic Analysis	None	Fruity, ethereal, woody	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.801	0.811
Refractive Index	Refractometric Analysis	nD20	1.385	1.395

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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