

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W2071 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 000
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 06/21/2013

### Product Identifiers

Product Name:	PENTAN-1-OL
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Synerzine Item #	<b>W2071</b>	CAS #	71-41-0	FEMA #	2056
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### Material Properties

Molecular Formula	C5H12O	Flash Point (°F, CC)	49
Molecular Weight	88	Boiling Point	136-138°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in alcohol; Water solubility: 2.20E+04 mg/L @ 25°C
Storage and Stability	Store in a fully closed container, under nitrogen, in a cool (~20°C), dry place. 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	Pungent, chemical, wine-like	
Chemical Purity	Gas Chromatography	%	99.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.810	0.820
Refractive Index	Refractometric Analysis	nD20	1.405	1.415

### Notes

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

**Synerzine**

Quality Control Dept.

Date Printed: 6/26/2021