

 synerzine TM	Title:	W01713 Product Specification		
	Document #:	02-1006	Rev #:	000
	Status:	ACTIVE	Date Issued:	06/21/2013

Product Identifiers

Product Name:	1-HEXADECANOL
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Synerzine Item #	W01713	CAS #	36653-82-4	FEMA #	2554
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Material Properties

Molecular Formula	C16H34O	Flash Point (°F, CC)	>200
Molecular Weight	242.4	Boiling Point	194°C
Shelf Life (days)	730	Physical State	Solid

Solubility	Insoluble in water; 1g in 3mL 90 ethanol
Storage and Stability	Store in fully closed container in 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	UPDATE SPEC	UPDATE SPEC
Odor	Organoleptic Analysis	None	Little odor	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

Also known as Alcohol C-16

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