

 synerzine TM	Title: W1344 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 11/22/2019

Product Identifiers

Product Name:	4-METHYL-2-PENTYL-1,3-DIOXOLANE
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Synerzine Item #	W1344	CAS #	1599-41-1*	FEMA #	3630
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Material Properties

Molecular Formula	C9H18O2	Flash Point (°F, CC)	150
Molecular Weight	158.24	Boiling Point	80°C/ 24mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol
Storage and Stability	Store in fully closed container in cool (~20°C) dry place.
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	Colorless
Odor	Organoleptic Analysis	None	Green, fruity, vegetable	
Chemical Purity	Gas Chromatography	% Isomeric Sum	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.893	0.900
Refractive Index	Refractometric Analysis	nD20	1.418	1.426

Notes

Also known as: Hexanal Propylene Glycol Acetal (as item# W1344A)

* CAS# 26563-75-7 has also been assigned.
Sum of isomers.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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