

 synerzine TM	Title: W01703 Product Specification	
	Document #: 02-1006	Rev #: 003
	Status: ACTIVE	Date Issued: 02/17/2023

Product Identifiers

Product Name:	TRANS,TRANS-2,4-HEXADIENAL
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Synerzine Item #	W01703	CAS #	142-83-6	FEMA #	3429
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Material Properties

Molecular Formula	C6H8O	Flash Point (°F, CC)	154
Molecular Weight	96.12	Boiling Point	76°C/ 30mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohols.
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	Yellow	Yellow
Odor	Organoleptic Analysis	None	Fatty, sweet, green, aldehyde	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.870	0.920
Refractive Index	Refractometric Analysis	nD20	1.538	1.545

Notes

Sum of isomers (isomer 1 = 80-100%; isomer 2 = 0-20%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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