

 synerzine TM	Title:	W01702 Product Specification		
	Document #:	02-1006	Rev #:	004
	Status:	ACTIVE	Date Issued:	02/20/2025

Product Identifiers

Product Name:	*TRANS-3-HEXEN-1-OL
---------------	---------------------

Synerzine Item #	W01702	CAS #	928-97-2	FEMA #	4356
------------------	---------------	-------	----------	--------	------

Material Properties

Molecular Formula	C6H12O	Flash Point (°F, CC)	138
Molecular Weight	100.16	Boiling Point	156°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents
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	Pale yellow
Odor	Organoleptic Analysis	None	Green, grass, leafy	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.837	0.847
Refractive Index	Refractometric Analysis	nD20	1.435	1.445

Notes

Sum of isomers:
trans-3-Hexen-1-ol: 95%-100%
cis-3-Hexen-1-ol: 0%-5%
May contain up to 0.1% alpha-tocopherol (CAS: 10191-41-0)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 2/20/2025