

 synerzine TM	Title:	W0332 Product Specification		
	Document #:	02-1006	Rev #:	004
	Status:	ACTIVE	Date Issued:	08/15/2024

Product Identifiers

Product Name:	2,4-HEPTADIENAL
---------------	-----------------

Synerzine Item #	W0332	CAS #	5910-85-0*	FEMA #	3164
------------------	--------------	-------	------------	--------	------

Material Properties

Molecular Formula	C7H10O	Flash Point (°F, CC)	167
Molecular Weight	110.16	Boiling Point	177°C @ 760 mmHg
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	Pale yellow	Dark Yellow
Odor	Organoleptic Analysis	None	Pungent, cinnamon-like, fatty, nutty	
Chemical Purity	Gas Chromatography	% Isomeric Sum	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.875	0.895
Refractive Index	Refractometric Analysis	nD20	1.531	1.537

Notes

*CAS # 4313-03-5 has been assigned to the trans-, trans- isomer.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 8/15/2024