

 synerzine TM	Title: W1685 Product Specification	
	Document #: 02-1006	Rev #: 006
	Status: ACTIVE	Date Issued: 12/07/2022

Product Identifiers

Product Name:	PERILLALDEHYDE
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Synerzine Item #	W1685	CAS #	2111-75-3	FEMA #	3557
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Material Properties

Molecular Formula	C10H14O	Flash Point (°F, CC)	204
Molecular Weight	150.22	Boiling Point	237°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	Dark yellow
Odor	Organoleptic Analysis	None	Fresh, green, oily, herbaceous	
Chemical Purity	Gas Chromatography	%	90.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.965	0.975
Refractive Index	Refractometric Analysis	nD20	1.503	1.513

Notes

Other names: Perilla aldehyde, p-mentha-1,8-dien-7-al, 4-isopropenyl-1-cyclohexene-1-carboxaldehyde;
Recommendation to analyze this material on GC FID for accurate purity assessment.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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