

 synerzine TM	Title:	W1683 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	03/27/2023

Product Identifiers

Product Name:	2-PHENYL-2-BUTENAL
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Synerzine Item #	W1683	CAS #	4411-89-6	FEMA #	3224
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Material Properties

Molecular Formula	C10H10O	Flash Point (°F, CC)	>200
Molecular Weight	146.18	Boiling Point	302°C
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	Colorless	Yellow
Odor	Organoleptic Analysis	None	Green, vegetative, floral, cocoa, nutty	
Chemical Purity	Gas Chromatography	% Isomeric Sum	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.029	1.039
Refractive Index	Refractometric Analysis	nD20	1.555	1.566

Notes

Sum of isomers (isomer 1: 90-100%; isomer 2: 0-10%)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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