

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	C631 Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	001
	<b>Status:</b>	ACTIVE	<b>Date Issued:</b>	02/11/2019

**Product Identifiers**

Product Name:	TRANS-3-HEXENOIC ACID		
Synerzine Item #	<b>C631</b>	CAS #	1577-18-0
		FEMA #	3170

**Material Properties**

Molecular Formula	C6H10O2	Flash Point (°F, CC)	230
Molecular Weight	114.15	Boiling Point	208°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. Stable for years, with slight development of discoloration.
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	Musty, diffusive, cheese	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.958	0.971
Refractive Index	Refractometric Analysis	nD20	1.430	1.460

**Notes**

*This specification was generated electronically, and is therefore unsigned.*