

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

Product Identifiers

Product Name:	TRANS-3-HEXENOIC ACID		
Synerzine Item #	C631	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.
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 ³ @ 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.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021