

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W1515 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 002
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 12/16/2020

### Product Identifiers

Product Name:	2-OCTENOIC ACID (TRANS-)
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Synerzine Item #	<b>W1515</b>	CAS #	1871-67-6*	FEMA #	3957
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### Material Properties

Molecular Formula	C8H14O2	Flash Point (°F, CC)	>230
Molecular Weight	142.2	Boiling Point	109°C/0.9mm
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in alcohol.
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	Powerful, oily, musty	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	0.940	0.950
Refractive Index	Refractometric Analysis	nD20	1.455	1.460

### Notes

\* CAS # 1470-50-4 has also been assigned to the non-descript.

\* CAS # 1577-96-4 has been assigned to the cis- isomer.

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

**Synerzine**

Quality Control Dept.

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