

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W0423 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 001
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 11/15/2023

### Product Identifiers

Product Name:	DIETHYL MALEATE
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Synerzine Item #	<b>W0423</b>	CAS #	141-05-9	FEMA #	N/A
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### Material Properties

Molecular Formula	C8H12O4	Flash Point (°F, CC)	200
Molecular Weight	172.18	Boiling Point	218°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	Colorless
Odor	Organoleptic Analysis	None	Fruity, banana, citrus	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.049	1.075
Refractive Index	Refractometric Analysis	nD20	1.438	1.445

### Notes

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

**Synerzine**

Quality Control Dept.

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