

 synerzine TM	Title: W0421 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 01/10/2019

Product Identifiers

Product Name:	DIETHYL MALATE*
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Synerzine Item #	W0421	CAS #	7554-12-3	FEMA #	2374
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Material Properties

Molecular Formula	C8H14O5	Flash Point (°F, CC)	185
Molecular Weight	190.2	Boiling Point	High; 91-92°C/1mm
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	Fruity	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.120	1.130
Refractive Index	Refractometric Analysis	nD20	1.435	1.446

Notes

* Other names: Ethyl malate
Diethyl hydroxy succinate

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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