

 synerzine TM	Title:	W049 Product Specification		
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Product Identifiers

Product Name:	DODECYL ISOBUTYRATE
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Synerzine Item #	W049	CAS #	6624-71-1	FEMA #	3452
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Material Properties

Molecular Formula	C16H32O2	Flash Point (°F, CC)	>220
Molecular Weight	256.4	Boiling Point	275°F/8mm
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	Oily, fatty, rancid	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.855	0.860
Refractive Index	Refractometric Analysis	nD20	1.433	1.435

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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