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|  synerzine TM | Title: | W01737 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | | | |
|------------------|---------------------------|--------|------------|
| Product Name: | CIS-3-HEXENYL ISOBUTYRATE | | |
| Synerzine Item # | W01737 | CAS # | 41519-23-7 |
| | | FEMA # | 3929 |

Material Properties

| | | | |
|-------------------|----------|----------------------|----------|
| Molecular Formula | C10H18O2 | Flash Point (°F, CC) | 203 |
| Molecular Weight | 170.25 | Boiling Point | 73°C/6mm |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Insoluble in water; soluble in alcohols. |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration. |
| 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 | Green, fruity, wine, apple | |
| Chemical Purity | Gas Chromatography | % | 97.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.860 | 0.880 |
| Refractive Index | Refractometric Analysis | nD20 | 1.424 | 1.432 |

Notes

This specification was generated electronically, and is therefore unsigned.