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|  synerzine TM | Title: | W0110 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

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|------------------|---------------------------------|--------|-----------|
| Product Name: | ALPHA-AMYL CINNAMYL ISOVALERATE | | |
| Synerzine Item # | W0110 | CAS # | 7493-80-3 |
| | | FEMA # | 2067 |

Material Properties

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|-------------------|----------|----------------------|--------|
| Molecular Formula | C19H28O2 | Flash Point (°F, CC) | >230 |
| Molecular Weight | 288.43 | Boiling Point | >200°C |
| 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 | Floral, fruity | |
| Chemical Purity | Gas Chromatography | % | 97.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.950 | 0.970 |
| Refractive Index | Refractometric Analysis | nD20 | 1.480 | 1.500 |

Notes

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This specification was generated electronically, and is therefore unsigned.