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|  synerzine TM | Title: W1314 Product Specification | |
| | Document #: 02-1006 | Rev #: 001 |
| | Status: ACTIVE | Date Issued: 01/08/2019 |

Product Identifiers

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|---------------|---------------------------|
| Product Name: | METHYL 3-HYDROXYHEXANOATE |
|---------------|---------------------------|

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|------------------|--------------|-------|------------|--------|------|
| Synerzine Item # | W1314 | CAS # | 21188-58-9 | FEMA # | 3508 |
|------------------|--------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|-----------------|
| Molecular Formula | C7H14O3 | Flash Point (°F, CC) | 186 |
| Molecular Weight | 146.18 | Boiling Point | 220°C @ 760mmHg |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Insoluble in water; soluble in most 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 | Ethereal, wine-like, fruity | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.990 | 1.010 |
| Refractive Index | Refractometric Analysis | nD20 | 1.426 | 1.430 |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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