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|  synerzine TM | Title: | C624 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 001 |
| | Status: | ACTIVE | Date Issued: | 12/06/2018 |

Product Identifiers

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|---------------|---------------------------|
| Product Name: | 2-METHYL-4-PENTENOIC ACID |
|---------------|---------------------------|

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|------------------|-------------|-------|-----------|--------|------|
| Synerzine Item # | C624 | CAS # | 1575-74-2 | FEMA # | 3511 |
|------------------|-------------|-------|-----------|--------|------|

Material Properties

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|-------------------|---------|----------------------|--------|
| Molecular Formula | C6H10O2 | Flash Point (°F, CC) | 210 |
| Molecular Weight | 114.142 | Boiling Point | 195°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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| Solubility | Soluble in alcohol; slightly soluble in water. |
| 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 | Light Yellow |
| Odor | Organoleptic Analysis | None | Cheesy | |
| Chemical Purity | Gas Chromatography | % | 97.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.944 | 0.956 |
| Refractive Index | Refractometric Analysis | nD20 | 1.426 | 1.436 |

Notes

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This specification was generated electronically, and is therefore unsigned.