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|  synerzine TM | Title: W2213 Product Specification | |
| | Document #: 02-1006 | Rev #: 001 |
| | Status: ACTIVE | Date Issued: 07/16/2018 |

Product Identifiers

| | |
|---------------|----------------------|
| Product Name: | VANILLYL BUTYL ETHER |
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|------------------|--------------|-------|------------|--------|------|
| Synerzine Item # | W2213 | CAS # | 82654-98-6 | FEMA # | 3796 |
|------------------|--------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|----------|----------------------|-------------|
| Molecular Formula | C12H18O3 | Flash Point (°F, CC) | >230 |
| Molecular Weight | 210.27 | Boiling Point | 112°C/0.5mm |
| 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. |
| 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 | Vanilla, fruity | |
| Chemical Purity | Gas Chromatography | % | 96.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.060 | 1.070 |
| Refractive Index | Refractometric Analysis | nD20 | 1.514 | 1.518 |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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