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|  synerzine TM | Title: | | W222 Product Specification | |
| | Document #: | 02-1006 | Rev #: | 002 |
| | Status: | ACTIVE | Date Issued: | 03/16/2020 |

Product Identifiers

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|---------------|------------------|
| Product Name: | VANILLIN ACETATE |
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|------------------|-------------|-------|----------|--------|------|
| Synerzine Item # | W222 | CAS # | 881-68-5 | FEMA # | 3108 |
|------------------|-------------|-------|----------|--------|------|

Material Properties

| | | | |
|-------------------|----------|----------------------|-----------|
| Molecular Formula | C10H10O4 | Flash Point (°F, CC) | >200 |
| Molecular Weight | 194.19 | Boiling Point | 287-288°C |
| Shelf Life (days) | 730 | Physical State | Solid |

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| Solubility | Slightly soluble in water; soluble in alcohol, oils and acetone. |
| 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 | White | Off-white |
| Odor | Organoleptic Analysis | None | Balsamic, floral | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | N/A | N/A |
| Refractive Index | Refractometric Analysis | nD20 | N/A | N/A |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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