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|  synerzine TM | Title: W01319 Product Specification | |
| | Document #: 02-1006 | Rev #: 002 |
| | Status: ACTIVE | Date Issued: 09/20/2022 |

Product Identifiers

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|---------------|----------------------------|
| Product Name: | 3-ACETYL-2,5-DIMETHYLFURAN |
|---------------|----------------------------|

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|------------------|---------------|-------|------------|--------|-----|
| Synerzine Item # | W01319 | CAS # | 10599-70-9 | FEMA # | N/A |
|------------------|---------------|-------|------------|--------|-----|

Material Properties

| | | | |
|-------------------|---------|----------------------|-------------|
| Molecular Formula | C8H10O2 | Flash Point (°F, CC) | 174 |
| Molecular Weight | 138.17 | Boiling Point | 62°C/0.25mm |
| 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 | Yellow |
| Odor | Organoleptic Analysis | None | Nutty, sweet, smokey | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.036 | 1.057 |
| Refractive Index | Refractometric Analysis | nD20 | 1.476 | 1.496 |

Notes

Previous FEMA number was 3391, but as of August 2022, this product has been delisted from FEMA/GRAS and is therefore only viable for non-flavor applications

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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