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|  synerzine TM | Title: W1370 Product Specification | |
| | Document #: 02-1006 | Rev #: 001 |
| | Status: ACTIVE | Date Issued: 08/30/2019 |

Product Identifiers

| | |
|---------------|---------------------|
| Product Name: | 5-METHYL-2-FURFURAL |
|---------------|---------------------|

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|------------------|--------------|-------|----------|--------|------|
| Synerzine Item # | W1370 | CAS # | 620-02-0 | FEMA # | 2702 |
|------------------|--------------|-------|----------|--------|------|

Material Properties

| | | | |
|-------------------|--------|----------------------|------------|
| Molecular Formula | C6H6O2 | Flash Point (°F, CC) | 160 |
| Molecular Weight | 110.11 | Boiling Point | 80/12mm Hg |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Insoluble in water; soluble in alcohol. |
| 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 | Pale orange | Dark brown |
| Odor | Organoleptic Analysis | None | Spicy, caramel | |
| Chemical Purity | Gas Chromatography | % | 95.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.090 | 1.110 |
| Refractive Index | Refractometric Analysis | nD20 | 1.510 | 1.535 |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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