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|  synerzine TM | Title: MN735M Product Specification | |
| | Document #: 02-1006 | Rev #: 000 |
| | Status: ACTIVE | Date Issued: 11/15/2018 |

Product Identifiers

| | |
|---------------|---|
| Product Name: | 2,3,5-TRIMETHYLPYRAZINE MIXTURE (NATURAL) |
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|------------------|---------------|-------|------------|--------|------|
| Synerzine Item # | MN735M | CAS # | 14667-55-1 | FEMA # | 3244 |
|------------------|---------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|----------|----------------------|-----------------|
| Molecular Formula | C7H10N2* | Flash Point (°F, CC) | <140 |
| Molecular Weight | 122.2* | Boiling Point | 171°C @760mmHg* |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Soluble in organic solvents. |
| 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 | Intense nutty, cocoa, roasted | |
| Chemical Purity | Gas Chromatography | % | 95.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ N/A°C | N/A | N/A |
| Refractive Index | Refractometric Analysis | nDN/A | N/A | N/A |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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