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|  synerzine TM | Title: | 836M Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 002 |
| | Status: | ACTIVE | Date Issued: | 02/01/2019 |

Product Identifiers

| | |
|---------------|---|
| Product Name: | 2-ETHYL-3,5(6)-DIMETHYLPYRAZINE MIXTURE |
|---------------|---|

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|------------------|-------------|-------|------------|--------|------|
| Synerzine Item # | 836M | CAS # | 55031-15-7 | FEMA # | 3149 |
|------------------|-------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C8H12N2 | Flash Point (°F, CC) | 157 |
| Molecular Weight | 136.2 | Boiling Point | 180°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Soluble in water, common organic solvents. |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration. |
| 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 | Water-White | Pale-yellow |
| Odor | Organoleptic Analysis | None | Rosted coffee, roasted nuts | |
| Chemical Purity | Gas Chromatography | % Isomeric Sum | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.957 | 0.963 |
| Refractive Index | Refractometric Analysis | nD20 | 1.497 | 1.505 |

Notes

Shelf life: 24 Months
CAS number: 27043-05-6 has also been assigned.

This specification was generated electronically, and is therefore unsigned.