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|--|--------------------|---------------------------|---------------------|------------|
|  synerzine TM | Title: | 723 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | |
|---------------|--------------------------|
| Product Name: | 2-ETHYL-3-METHYLPYRAZINE |
|---------------|--------------------------|

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|------------------|------------|-------|------------|--------|------|
| Synerzine Item # | 723 | CAS # | 15707-23-0 | FEMA # | 3155 |
|------------------|------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C7H10N2 | Flash Point (°F, CC) | 138 |
| Molecular Weight | 122.17 | Boiling Point | 338°F |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Soluble in water and other 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 | Colorless | Pale yellow |
| Odor | Organoleptic Analysis | None | Strong, nutty, roasted, earthy, raw potato | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.981 | 0.991 |
| Refractive Index | Refractometric Analysis | nD20 | 1.502 | 1.505 |

Notes

* Also named as 3-ethyl-2-methylpyrazine

This specification was generated electronically, and is therefore unsigned.