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|  synerzine TM | Title: | Q852 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | | | | | |
|------------------|----------------------|-------|-----------|--------|----|
| Product Name: | 2-METHYL QUINOXALINE | | | | |
| Synerzine Item # | Q852 | CAS # | 7251-61-8 | FEMA # | NA |

Material Properties

| | | | |
|-------------------|--------|----------------------|--------|
| Molecular Formula | C9H8N2 | Flash Point (°F, CC) | 225 |
| Molecular Weight | 144.18 | Boiling Point | 245°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Insoluble in water; soluble in 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 | Orange | Orange |
| Odor | Organoleptic Analysis | None | Toasted, instant coffee | |
| Chemical Purity | Gas Chromatography | % | 97.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.110 | 1.120 |
| Refractive Index | Refractometric Analysis | nD20 | 1.600 | 1.620 |

Notes

This specification was generated electronically, and is therefore unsigned.