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|  synerzine TM | Title: | Q823 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | |
|---------------|-------------------------------|
| Product Name: | 5,6,7,8-TETRAHYDROQUINOXALINE |
|---------------|-------------------------------|

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|------------------|-------------|-------|------------|--------|------|
| Synerzine Item # | Q823 | CAS # | 34413-35-9 | FEMA # | 3321 |
|------------------|-------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|------------|
| Molecular Formula | C8H10N2 | Flash Point (°F, CC) | 195 |
| Molecular Weight | 134.2 | Boiling Point | 96°C /20mm |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|--|
| Solubility | Soluble in water. |
| 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 yellow | Amber |
| Odor | Organoleptic Analysis | None | Strong roasted | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.081 | 1.091 |
| Refractive Index | Refractometric Analysis | nD20 | 1.540 | 1.546 |

Notes

Also known as NUTTY QUINOXALINE

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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