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

**Product Identifiers**

|               |                      |
|---------------|----------------------|
| Product Name: | 2-METHYL QUINOXALINE |
|---------------|----------------------|

|                  |             |       |           |        |     |
|------------------|-------------|-------|-----------|--------|-----|
| Synerzine Item # | <b>Q852</b> | CAS # | 7251-61-8 | FEMA # | N/A |
|------------------|-------------|-------|-----------|--------|-----|

**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 |

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

**Notes**

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*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

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