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|  synerzine TM | Title: | W0429 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

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|------------------|------------------------|-------|----------|--------|-----|
| Product Name: | *2,5-DIMETHYLTHIOPHENE | | | | |
| Synerzine Item # | W0429 | CAS # | 638-02-8 | FEMA # | N/A |

Material Properties

| | | | |
|-------------------|--------|----------------------|--------|
| Molecular Formula | C6H8S | Flash Point (°F, CC) | 73 |
| Molecular Weight | 112.19 | Boiling Point | 136°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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| Solubility | Insoluble in water; soluble in alcohols. |
| 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 | Colorless | Light brown |
| Odor | Organoleptic Analysis | None | Cooked beef | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.981 | 0.989 |
| Refractive Index | Refractometric Analysis | nD20 | 1.509 | 1.516 |

Notes

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This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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