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|  synerzine TM | Title: | W0127 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 001 |
| | Status: | ACTIVE | Date Issued: | 12/14/2018 |

Product Identifiers

| | |
|---------------|----------------------|
| Product Name: | ALLYL THIOPROPIONATE |
|---------------|----------------------|

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|------------------|--------------|-------|------------|--------|------|
| Synerzine Item # | W0127 | CAS # | 41820-22-8 | FEMA # | 3329 |
|------------------|--------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|-------------|
| Molecular Formula | C6H10OS | Flash Point (°F, CC) | 48 |
| Molecular Weight | 130.21 | Boiling Point | 150°C/760mm |
| Shelf Life (days) | 730 | Physical State | Liquid |

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| Solubility | Insoluble in water |
| 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 | Dark yellow |
| Odor | Organoleptic Analysis | None | Fresh onion, garlic, green | |
| Chemical Purity | Gas Chromatography | % | 95.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.960 | 0.970 |
| Refractive Index | Refractometric Analysis | nD20 | 1.480 | 1.484 |

Notes

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This specification was generated electronically, and is therefore unsigned.