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|  synerzine TM | Title: W1319 Product Specification | |
| | Document #: 02-1006 | Rev #: 001 |
| | Status: ACTIVE | Date Issued: 12/07/2023 |

Product Identifiers

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|----------------------|-------------------------|
| Product Name: | 3-(METHYLTHIO)PROPANOL* |
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|-------------------------|--------------|--------------|----------|---------------|------|
| Synerzine Item # | W1319 | CAS # | 505-10-2 | FEMA # | 3415 |
|-------------------------|--------------|--------------|----------|---------------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C4H10OS | Flash Point (°F, CC) | 190 |
| Molecular Weight | 106.19 | Boiling Point | 195°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. |
| 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 | Pale yellow |
| Odor | Organoleptic Analysis | None | Meaty, sulfurous, garlic | |
| Chemical Purity | Gas Chromatography | % | 99.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.025 | 1.035 |
| Refractive Index | Refractometric Analysis | nD20 | 1.486 | 1.493 |

Notes

*Commonly known as methionol.

It is cautioned not to confuse with methional which is 3-(methylthio)propionaldehyde.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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