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|  synerzine TM | Title: W1744N Product Specification | |
| | Document #: 02-1006 | Rev #: 001 |
| | Status: ACTIVE | Date Issued: 11/01/2019 |

Product Identifiers

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|---------------|-------------------|
| Product Name: | PULEGONE, NATURAL |
|---------------|-------------------|

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|------------------|---------------|-------|---------|--------|------|
| Synerzine Item # | W1744N | CAS # | 89-82-7 | FEMA # | 2963 |
|------------------|---------------|-------|---------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C10H16O | Flash Point (°F, CC) | 180 |
| Molecular Weight | 152.23 | Boiling Point | 224°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

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|-----------------------|--|
| Solubility | Insoluble in water; soluble in alcohols and oils. |
| 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 | Slight yellow |
| Odor | Organoleptic Analysis | None | Sulfurous, berry, peppermint, camphor | |
| Chemical Purity | Gas Chromatography | % | 90.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.929 | 0.939 |
| Refractive Index | Refractometric Analysis | nD20 | 1.484 | 1.490 |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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