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|  synerzine TM | Title: | W0427 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 005 |
| | Status: | ACTIVE | Date Issued: | 03/18/2025 |

Product Identifiers

| | |
|---------------|---------------|
| Product Name: | *BETA-OCIMENE |
|---------------|---------------|

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|------------------|--------------|-------|------------|--------|------|
| Synerzine Item # | W0427 | CAS # | 13877-91-3 | FEMA # | 3539 |
|------------------|--------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|--------|----------------------|-----------|
| Molecular Formula | C10H16 | Flash Point (°F, CC) | 133 |
| Molecular Weight | 136.24 | Boiling Point | 73°C/12mm |
| 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 | Straw Colored |
| Odor | Organoleptic Analysis | None | Warm, herbaceous | |
| Chemical Purity | Gas Chromatography | % Isomeric Sum | 80.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.797 | 0.817 |
| Refractive Index | Refractometric Analysis | nD20 | 1.470 | 1.490 |

Notes

Also known as 3,7-DIMETHYL-1,3,6-OCTATRIENE. UN 1993 Flammable Liquid
Sum of isomers : isomer 1, **Beta-ocimene**: 60-80%;
isomer 2, **Dipentene**: 20-40%.
May contain up to 2% BETA-MYRCENE and/or 2% PSEUDOLIMONENE

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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