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|  synerzine ™ | Title: | W0603 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 005 |
| | Status: | ACTIVE | Date Issued: | 02/21/2024 |

Product Identifiers

| | |
|---------------|---|
| Product Name: | 7,11-DIMETHYL-3-METHYLENE-1,6,10-DODECATRIENE |
|---------------|---|

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|------------------|--------------|-------|----------|--------|------|
| Synerzine Item # | W0603 | CAS # | 502-61-4 | FEMA # | 3839 |
|------------------|--------------|-------|----------|--------|------|

Material Properties

| | | | |
|-------------------|--------|----------------------|--------|
| Molecular Formula | C15H24 | Flash Point (°F, CC) | >110 |
| Molecular Weight | 204.35 | Boiling Point | 260°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|--|
| Solubility | Soluble in alcohol; Water solubility: 0.01053 mg/L @ 25°C |
| 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 | Lavender, woody | |
| Chemical Purity | Gas Chromatography | % | Complex | Complex |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.840 | 0.880 |
| Refractive Index | Refractometric Analysis | nD20 | 1.493 | 1.503 |

Notes

May contain up to 0.10% Alpha-tocopherol (CAS: 10191-41-0) as a stabilizer; Complex mixture; May contain up to 10-15% bisabolene and up to 2-3% each of valencene, bourbonene, cadinene, and guaiene. Also know as alpha-farnesene.

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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