


|  |                    |                            |                     |            |
|--|--------------------|----------------------------|---------------------|------------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b>      | W017 Product Specification |                     |            |
|  | <b>Document #:</b> | 02-1006                    | <b>Rev #:</b>       | 002        |
|  | <b>Status:</b>     | ACTIVE                     | <b>Date Issued:</b> | 02/16/2021 |

**Product Identifiers**

|               |                  |
|---------------|------------------|
| Product Name: | GERANYL LINALOOL |
|---------------|------------------|

|                  |             |       |           |        |     |
|------------------|-------------|-------|-----------|--------|-----|
| Synerzine Item # | <b>W017</b> | CAS # | 1113-21-9 | FEMA # | N/A |
|------------------|-------------|-------|-----------|--------|-----|

**Material Properties**

|                   |         |                      |                      |
|-------------------|---------|----------------------|----------------------|
| Molecular Formula | C20H34O | Flash Point (°F, CC) | 354.2                |
| Molecular Weight  | 290.48  | Boiling Point        | 386-389°C @ 760mm Hg |
| Shelf Life (days) | 730     | Physical State       | Liquid               |

|                       |  |
|-----------------------|--|
| Solubility            | Soluble in alcohol; water, 0.006982 mg/L @ 25°C  |
| Storage and Stability | Store in fully closed container, under inert gas, 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    | Colorless   |
| Odor              | Organoleptic Analysis   | None                     | Floral, rose |             |
| Chemical Purity   | Gas Chromatography      | % Isomeric Sum           | 95.0%        | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 0.873        | 0.883       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.482        | 1.492       |

**Notes**

Purity is complex sum of isomers (isomer 1: sum total 50-70%; isomer 2: sum total 30-50%)

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

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