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|--|---|--------------------------------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b> W1439 Product Specification |                                |
|  | <b>Document #:</b> 02-1006                | <b>Rev #:</b> 001              |
|  | <b>Status:</b> ACTIVE                     | <b>Date Issued:</b> 06/28/2017 |

### Product Identifiers

|               |                             |
|---------------|-----------------------------|
| Product Name: | 2-METHYL-4-PHENYL-2-BUTANOL |
|---------------|-----------------------------|

|                  |              |       |          |        |      |
|------------------|--------------|-------|----------|--------|------|
| Synerzine Item # | <b>W1439</b> | CAS # | 103-05-9 | FEMA # | 3629 |
|------------------|--------------|-------|----------|--------|------|

### Material Properties

|                   |         |                      |        |
|-------------------|---------|----------------------|--------|
| Molecular Formula | C11H16O | Flash Point (°F, CC) | 178+   |
| Molecular Weight  | 164.23  | Boiling Point        | 200+°C |
| Shelf Life (days) | 730     | Physical State       | Liquid |

|                       |  |
|-----------------------|--|
| Solubility            | INSOLUBLE IN WATER   |
| 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                     | Water-white | Pale yellow |
| Odor              | Organoleptic Analysis   | None                     | Floral      |             |
| Chemical Purity   | Gas Chromatography      | %                        | 97.0%       | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 0.955       | 0.965       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.500       | 1.520       |

### Notes

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

**Synerzine**

Quality Control Dept.

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