


|  |                    |                             |                     |            |
|--|--------------------|-----------------------------|---------------------|------------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b>      | W1652 Product Specification |                     |            |
|  | <b>Document #:</b> | 02-1006                     | <b>Rev #:</b>       | 002        |
|  | <b>Status:</b>     | ACTIVE                      | <b>Date Issued:</b> | 09/15/2021 |

### Product Identifiers

|               |                     |
|---------------|---------------------|
| Product Name: | 1-METHYLNAPHTHALENE |
|---------------|---------------------|

|                  |              |       |         |        |      |
|------------------|--------------|-------|---------|--------|------|
| Synerzine Item # | <b>W1652</b> | CAS # | 90-12-0 | FEMA # | 3193 |
|------------------|--------------|-------|---------|--------|------|

### Material Properties

|                   |        |                      |           |
|-------------------|--------|----------------------|-----------|
| Molecular Formula | C11H10 | Flash Point (°F, CC) | 180       |
| Molecular Weight  | 142.2  | Boiling Point        | 240-243°c |
| Shelf Life (days) | 730    | Physical State       | Liquid    |

|                       |  |
|-----------------------|--|
| Solubility            | Insoluble in water; soluble in organic solvents.   |
| 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                     | Earthy, phenolic |             |
| Chemical Purity   | Gas Chromatography      | %                        | 95.0%            | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 1.017            | 1.027       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.610            | 1.620       |

### Notes

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

**Synerzine**

Quality Control Dept.

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