


|  |                    |                             |                     |            |
|--|--------------------|-----------------------------|---------------------|------------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b>      | W0470 Product Specification |                     |            |
|  | <b>Document #:</b> | 02-1006                     | <b>Rev #:</b>       | 000        |
|  | <b>Status:</b>     | ACTIVE                      | <b>Date Issued:</b> | 06/21/2013 |

**Product Identifiers**

|               |                 |
|---------------|-----------------|
| Product Name: | DODECYL LACTATE |
|---------------|-----------------|

|                  |              |       |           |        |     |
|------------------|--------------|-------|-----------|--------|-----|
| Synerzine Item # | <b>W0470</b> | CAS # | 6283-92-7 | FEMA # | N/A |
|------------------|--------------|-------|-----------|--------|-----|

**Material Properties**

|                   |          |                      |        |
|-------------------|----------|----------------------|--------|
| Molecular Formula | C15H30O3 | Flash Point (°F, CC) | >230   |
| Molecular Weight  | 258.2    | Boiling Point        | 310°C  |
| Shelf Life (days) | 730      | Physical State       | Liquid |

|                       |  |
|-----------------------|--|
| Solubility            | Insoluble in water; soluble in alcohols and oils.  |
| 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                     | Fruity, waxy |             |
| Chemical Purity   | Gas Chromatography      | %                        | 95.0%        | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 0.910        | 0.925       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.438        | 1.445       |

**Notes**

Also known as Lauryl lactate.

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

**Synerzine**  
Quality Control Dept.

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