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|  synerzine TM | Title: | | W123 Product Specification | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | |
|---------------|------------------|
| Product Name: | LAURYL PALMITATE |
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|------------------|-------------|-------|------------|--------|-----|
| Synerzine Item # | W123 | CAS # | 42232-29-1 | FEMA # | N/A |
|------------------|-------------|-------|------------|--------|-----|

Material Properties

| | | | |
|-------------------|----------|----------------------|------------------|
| Molecular Formula | C28H56O2 | Flash Point (°F, CC) | > 200 |
| Molecular Weight | 424.7 | Boiling Point | N.A. (very high) |
| Shelf Life (days) | 730 | Physical State | Solid |

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|-----------------------|--|
| Solubility | Insoluble in water; limited solubility 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 | UPDATE SPEC | UPDATE SPEC |
| Odor | Organoleptic Analysis | None | Little odor | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | N/A | N/A |
| Refractive Index | Refractometric Analysis | nD20 | N/A | N/A |

Notes

AKA Dodecyl palmitate

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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