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|--|--------------------|-----------------------------|---------------------|------------|
|  synerzine TM | Title: | W0118 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | | | | | |
|------------------|--------------------------|-------|-----------|--------|-----|
| Product Name: | AMYL DECANOATE (CAPRATE) | | | | |
| Synerzine Item # | W0118 | CAS # | 5933-87-9 | FEMA # | N/A |

Material Properties

| | | | |
|-------------------|----------|----------------------|--------|
| Molecular Formula | C15H30O2 | Flash Point (°F, CC) | >230 |
| Molecular Weight | 242.4 | Boiling Point | (High) |
| 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. Stable for years, with slight development of discoloration. |
| 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 | Water-white |
| Odor | Organoleptic Analysis | None | Faint, fruity, fatty | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.857 | 0.865 |
| Refractive Index | Refractometric Analysis | nD20 | 1.429 | 1.436 |

Notes

*ACID VALUE: 1.0 MAX.

This specification was generated electronically, and is therefore unsigned.