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|  synerzine TM | Title: | W0135 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 06/21/2013 |

Product Identifiers

| | | | |
|------------------|----------------------|--------|------------|
| Product Name: | 6-AMYL-ALPHA-PYRONE* | | |
| Synerzine Item # | W0135 | CAS # | 27593-23-3 |
| | | FEMA # | 3696 |

Material Properties

| | | | |
|-------------------|----------|----------------------|--------------|
| Molecular Formula | C10H14O2 | Flash Point (°F, CC) | >230 |
| Molecular Weight | 166.22 | Boiling Point | 112°C/2mm Hg |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|--|
| Solubility | insoluble in water, soluble in fats, alcohol |
| 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 | Amber | Amber |
| Odor | Organoleptic Analysis | None | Coconut, mushroom, nutty, sweet | |
| Chemical Purity | Gas Chromatography | % | 97.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.005 | 1.015 |
| Refractive Index | Refractometric Analysis | nD20 | 1.503 | 1.507 |

Notes

* Also named: 6-pentyl-alpha-pyrone as CTC item# W0135B

Specific Gravity 20/20: 1.000-1.009

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021