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|  synerzine TM | Title: | W0574 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 002 |
| | Status: | ACTIVE | Date Issued: | 10/15/2020 |

Product Identifiers

| | |
|---------------|----------------------------------|
| Product Name: | ETHYL 2-METHYL-3,4-PENTADIENOATE |
|---------------|----------------------------------|

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|------------------|--------------|-------|------------|--------|------|
| Synerzine Item # | W0574 | CAS # | 60523-21-9 | FEMA # | 3678 |
|------------------|--------------|-------|------------|--------|------|

Material Properties

| | | | |
|-------------------|---------|----------------------|----------------|
| Molecular Formula | C8H12O2 | Flash Point (°F, CC) | 118 |
| Molecular Weight | 140.18 | Boiling Point | 65°C @ 18mm Hg |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|--|
| Solubility | Insoluble in water; soluble in alcohols. |
| 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, berry, mango, pear | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 0.922 | 0.928 |
| Refractive Index | Refractometric Analysis | nD20 | 1.446 | 1.452 |

Notes

Synthetic alpha tocopherol (CAS: 10191-41-0), about 0.1%, added as a stabilizer.

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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