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|--|--------------------|----------------------------|---------------------|------------|
|  synerzine TM | Title: | W168 Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 002 |
| | Status: | ACTIVE | Date Issued: | 05/12/2023 |

Product Identifiers

| | |
|---------------|-----------------------|
| Product Name: | PIPERONYL ISOBUTYRATE |
|---------------|-----------------------|

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|------------------|-------------|-------|-----------|--------|------|
| Synerzine Item # | W168 | CAS # | 5461-08-5 | FEMA # | 2913 |
|------------------|-------------|-------|-----------|--------|------|

Material Properties

| | | | |
|-------------------|----------|----------------------|--------------|
| Molecular Formula | C14H14O4 | Flash Point (°F, CC) | >200 |
| Molecular Weight | 222.2404 | Boiling Point | 198/0.005 mm |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|--|
| Solubility | Soluble in alcohols; very slightly soluble in water. |
| 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 | Yellow |
| Odor | Organoleptic Analysis | None | Fruity, berry | |
| Chemical Purity | Gas Chromatography | % | 96.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.150 | 1.170 |
| Refractive Index | Refractometric Analysis | nD20 | 1.508 | 1.512 |

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 5/12/2023