


|  |                    |                              |                     |            |
|--|--------------------|------------------------------|---------------------|------------|
|  <b>synerzine</b> <sup>TM</sup> | <b>Title:</b>      | T8250A Product Specification |                     |            |
|  | <b>Document #:</b> | 02-1006                      | <b>Rev #:</b>       | 000        |
|  | <b>Status:</b>     | ACTIVE                       | <b>Date Issued:</b> | 06/21/2013 |

**Product Identifiers**

|                  |                    |        |          |
|------------------|--------------------|--------|----------|
| Product Name:    | SULFURYL ACETATE * |        |          |
| Synerzine Item # | <b>T8250A</b>      | CAS #  | 656-53-1 |
|                  |                    | FEMA # | 3205     |

**Material Properties**

|                   |           |                      |               |
|-------------------|-----------|----------------------|---------------|
| Molecular Formula | C8H11NO2S | Flash Point (°F, CC) | 230           |
| Molecular Weight  | 185.25    | Boiling Point        | 85-86° at 1mm |
| Shelf Life (days) | 730       | Physical State       | Liquid        |

|                       |  |
|-----------------------|--|
| Solubility            | Soluble in water and 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   | Amber       |
| Odor              | Organoleptic Analysis   | None                     | Meaty       |             |
| Chemical Purity   | Gas Chromatography      | %                        | 98.0%       | 100.0%      |
| Density           | Density Analysis        | g/cm <sup>3</sup> @ 20°C | 1.162       | 1.172       |
| Refractive Index  | Refractometric Analysis | nD20                     | 1.505       | 1.515       |

**Notes**

\*Also named as: Sulfurol acetate and 4-methyl-5-beta-acetoxy ethyl thiazole

*This specification was generated electronically, and is therefore unsigned.*

**Synerzine**  
Quality Control Dept.

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