


| | | | | |
|--|--------------------|---------------------------------|---------------------|------------|
|  synerzine TM | Title: | NT6250H-M Product Specification | | |
| | Document #: | 02-1006 | Rev #: | 000 |
| | Status: | ACTIVE | Date Issued: | 02/18/2019 |

Product Identifiers

| | | | |
|------------------|--------------------------------------|--------|----------|
| Product Name: | 4-METHYL-5-THIAZOLE ETHANOL, NATURAL | | |
| Synerzine Item # | NT6250H-M | CAS # | 137-00-8 |
| | | FEMA # | 3204 |

Material Properties

| | | | |
|-------------------|---------|----------------------|-----------|
| Molecular Formula | C6H9NOS | Flash Point (°F, CC) | >230 |
| Molecular Weight | 143 | Boiling Point | 279-281°C |
| Shelf Life (days) | 730 | Physical State | Liquid |

| | |
|-----------------------|---|
| Solubility | Soluble in water and Ethanol |
| Storage and Stability | Store in fully closed container in cool (~20°C) dry place away from direct light; Purge headspace with Nitrogen. Slight development of discoloration may occur. |
| 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 | Orange |
| Odor | Organoleptic Analysis | None | Beefy, nutty | |
| Chemical Purity | Gas Chromatography | % | 98.0% | 100.0% |
| Density | Density Analysis | g/cm ³ @ 20°C | 1.192 | 1.210 |
| Refractive Index | Refractometric Analysis | nD20 | 1.530 | 1.560 |

Notes

| |
|--|
| |
|--|

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

Date Printed: 6/26/2021