

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	512S 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:	PYRAZINYL METHYL SULFIDE
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Synerzine Item #	<b>512S</b>	CAS #	21948-70-9	FEMA #	3231
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**Material Properties**

Molecular Formula	C5H6N2S	Flash Point (°F, CC)	165
Molecular Weight	126.18	Boiling Point	150°F/20mm Hg
Shelf Life (days)	730	Physical State	Solid

Solubility	Slightly soluble in water; soluble in common organic solvents.
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration.
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	Water-white	Amber
Odor	Organoleptic Analysis	None	Strong sulfur, ethereal	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

**Notes**

ALSO KNOWN AS: 2-METHYLTHIO PYRAZINE  
 \*Melting Point: 42-47C  
 \*Depending on ambient temperature at shipping, also can be a clear white crystalline material due to its low melting point

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