

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b>	521CL Product Specification		
	<b>Document #:</b>	02-1006	<b>Rev #:</b>	000
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**Product Identifiers**

Product Name:	2-CHLORO-3-METHYLPYRAZINE				
Synerzine Item #	<b>521CL</b>	CAS #	95-58-9	FEMA #	NL

**Material Properties**

Molecular Formula	C5H5CLN2	Flash Point (°F, CC)	180
Molecular Weight	110	Boiling Point	at 25mm 78°C
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. Stable for years, with slight development of discoloration.
Handling Precautions	Avoid contact with 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	Slight brown
Odor	Organoleptic Analysis	None	Ethereal	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.170	1.190
Refractive Index	Refractometric Analysis	nD20	1.525	1.532

**Notes**

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