

 synerzine TM	Title:	726M Product Specification		
	Document #:	02-1006	Rev #:	001
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Product Identifiers

Product Name:	2-ETHYL-5(6)-METHYLPYRAZINE MIXTURE
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Synerzine Item #	726M	CAS #	36731-41-6	FEMA #	3919/3154
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Material Properties

Molecular Formula	C7H10N2	Flash Point (°F, CC)	138
Molecular Weight	122.17	Boiling Point	80°C (50mm)
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in water, alcohols, and organic solvents.
Storage and Stability	Store in fully closed container in cool dry place. Shelf life of 24 months.
Handling Precautions	Avoid contact of eyes and skin. In case of contact, flush copiously with water. Material is slightly alkaline. Keep away from heat and flame.

Specified Critical Limits

Critical Property	Test Method	UOM	Lower Limit	Upper Limit
Color	Visual Analysis	None	Colorless	Pale yellow
Odor	Organoleptic Analysis	None	Roasted nuts	
Chemical Purity	Gas Chromatography	% Isomeric Sum	99.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	0.968	0.980
Refractive Index	Refractometric Analysis	nD20	1.490	1.510

Notes

* A mixture of two isomers with almost identical properties:
 2-ethyl-6-methylpyrazine (FEMA 3919) 65%-72% ratio
 2-ethyl-5-methylpyrazine (FEMA 3154) 28%-35% ratio
 Treated here as if one compound.

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