

 synerzine TM	Title:	W01336 Product Specification		
	Document #:	02-1006	Rev #:	003
	Status:	ACTIVE	Date Issued:	08/17/2021

Product Identifiers

Product Name:	ALLYL MERCAPTAN
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Synerzine Item #	W01336	CAS #	870-23-5	FEMA #	2035
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Material Properties

Molecular Formula	C3H6S	Flash Point (°F, CC)	70
Molecular Weight	74.14	Boiling Point	66-68°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Slightly soluble in water; miscible in alcohol, oil, ethyl ether; soluble 1:1 in 95% ethanol
Storage and Stability	Product is sensitive to air, heat, and moisture. Store in a fully closed container, under an inert atmosphere, in refrigerated (< ~5°C/40°F), dry conditions.
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	Pale yellow
Odor	Organoleptic Analysis	None	Sulfurous, alliaceous	
Chemical Purity	Gas Chromatography	%	75.0%	100.0%
Density	Density Analysis	g/cm ³ @ °C	0.888	0.930
Refractive Index	Refractometric Analysis	nD20	1.470	1.491

Notes

May contain up to 25% allyl disulfide and allyl sulfide

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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