

 synerzine TM	Title: W1666 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 01/28/2020

Product Identifiers

Product Name:	*2-PHENETHYL ISOTHIOCYANATE
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Synerzine Item #	W1666	CAS #	2257-09-2	FEMA #	4014
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Material Properties

Molecular Formula	C9H9NS	Flash Point (°F, CC)	>230
Molecular Weight	163.24	Boiling Point	140°C/11 mm
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.
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	Yellow
Odor	Organoleptic Analysis	None	Pungent, rich, earthy, sweet, nutty, horseradish	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.090	1.100
Refractive Index	Refractometric Analysis	nD20	1.584	1.594

Notes

Lachrymatory liquid (also known as phenethyl mustard oil)

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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