

 <b>synerzine</b> <sup>TM</sup>	<b>Title:</b> W2205 Product Specification	
	<b>Document #:</b> 02-1006	<b>Rev #:</b> 003
	<b>Status:</b> ACTIVE	<b>Date Issued:</b> 04/12/2024

### Product Identifiers

<b>Product Name:</b>	BENZENETHIOL
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<b>Synerzine Item #</b>	<b>W2205</b>	<b>CAS #</b>	108-98-5	<b>FEMA #</b>	3616
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### Material Properties

Molecular Formula	C6H5SH	Flash Point (°F, CC)	123
Molecular Weight	110.18	Boiling Point	169°C
Shelf Life (days)	730	Physical State	Liquid

<b>Solubility</b>	Insoluble in water, soluble in alcohol
<b>Storage and Stability</b>	Store in fully closed container in cool (~20°C) dry place.
<b>Handling Precautions</b>	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	Penetrating, garlic	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm <sup>3</sup> @ 20°C	1.073	1.080
Refractive Index	Refractometric Analysis	nD20	1.589	1.593

### Notes

Also known as thiophenol.  
Melting point: -15°C

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

**Synerzine**

Quality Control Dept.

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