

 synerzine TM	Title: W0226 Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	THEOBROMINE
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Synerzine Item #	W0226	CAS #	83-67-0	FEMA #	3591
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Material Properties

Molecular Formula	C7H8N4O2	Flash Point (°F, CC)	UPDATE SPEC
Molecular Weight	180.164	Boiling Point	554-563°F
Shelf Life (days)	730	Physical State	Solid

Solubility	Soluble in alcohol; Insoluble in water.
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 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	White	White
Odor	Organoleptic Analysis	None	UPDATE SPEC	
Chemical Purity	Gas Chromatography	%	95.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	N/A	N/A
Refractive Index	Refractometric Analysis	nD20	N/A	N/A

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

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