

 synerzine TM	Title:	W0467 Product Specification		
	Document #:	02-1006	Rev #:	002
	Status:	ACTIVE	Date Issued:	07/14/2020

Product Identifiers

Product Name:	DIFURFURYL DISULFIDE
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Synerzine Item #	W0467	CAS #	4437-20-1	FEMA #	3146
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Material Properties

Molecular Formula	C10H10O2S2	Flash Point (°F, CC)	>230
Molecular Weight	226.31	Boiling Point	127-132°C/5mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in organic solvents.
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	Pale yellow	Brown
Odor	Organoleptic Analysis	None	Roasted, meaty	
Chemical Purity	Gas Chromatography	%	96.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.233	1.240
Refractive Index	Refractometric Analysis	nD20	1.585	1.598

Notes

m.p. 10-11°C

*Also referred to as 2,2'-(DITHIODIMETHYLENE)DIFURAN

This specification was generated electronically, and is therefore unsigned.

Synerzine
Quality Control Dept.

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