

 synerzine TM	Title: W3973 Product Specification	
	Document #: 02-1006	Rev #: 002
	Status: ACTIVE	Date Issued: 09/22/2020

Product Identifiers

Product Name:	2-METHYLFURAN-3-THIOL ACETATE
---------------	-------------------------------

Synerzine Item #	W3973	CAS #	55764-25-5	FEMA #	3973
------------------	--------------	-------	------------	--------	------

Material Properties

Molecular Formula	C7H8O2S	Flash Point (°F, CC)	60
Molecular Weight	156.2	Boiling Point	225-235°C
Shelf Life (days)	730	Physical State	Liquid

Solubility	Insoluble in water; soluble in ethanol and triacetin.
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	Yellow	Amber
Odor	Organoleptic Analysis	None	Sulfurous	
Chemical Purity	Gas Chromatography	% Isomeric Sum	92.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.140	1.159
Refractive Index	Refractometric Analysis	nD20	1.514	1.524

Notes

Strong sulfurous odor (stench). Sum of isomers (isomer 1: 92-100%, isomer 2: 0-8%). May contain 5-7% cis and trans isomers.

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 6/26/2021