

 synerzine TM	Title: W1859 Product Specification	
	Document #: 02-1006	Rev #: 001
	Status: ACTIVE	Date Issued: 01/20/2020

Product Identifiers

Product Name:	3-METHYLTHIOPROPYL ISOTHIOCYANATE
---------------	-----------------------------------

Synerzine Item #	W1859	CAS #	505-79-3	FEMA #	3312
------------------	--------------	-------	----------	--------	------

Material Properties

Molecular Formula	C5H9NS2	Flash Point (°F, CC)	200
Molecular Weight	147.27	Boiling Point	116°C/9mm
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	Colorless	Yellow
Odor	Organoleptic Analysis	None	Powerful, mustard, radish	
Chemical Purity	Gas Chromatography	%	98.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.100	1.110
Refractive Index	Refractometric Analysis	nD20	1.558	1.569

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 6/26/2021