

 synerzine TM	Title: W1851N Product Specification	
	Document #: 02-1006	Rev #: 000
	Status: ACTIVE	Date Issued: 06/21/2013

Product Identifiers

Product Name:	*2-METHYLTETRAHYDROFURAN-3-ONE, NATURAL
---------------	---

Synerzine Item #	W1851N	CAS #	3188-00-9	FEMA #	3373
------------------	---------------	-------	-----------	--------	------

Material Properties

Molecular Formula	C5H8O2	Flash Point (°F, CC)	102
Molecular Weight	100.1	Boiling Point	139°C @ 760 mm Hg
Shelf Life (days)	730	Physical State	Liquid

Solubility	Soluble in organic solvents Water solubility: 171 g/L @ 25°C
Storage and Stability	Store in fully closed container in cool (~20°C) dry place. Stable for years, with slight development of discoloration. Purge container with nitrogen after opening.
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	Light yellow-green
Odor	Organoleptic Analysis	None	Bread-like	
Chemical Purity	Gas Chromatography	%	97.0%	100.0%
Density	Density Analysis	g/cm ³ @ 20°C	1.025	1.065
Refractive Index	Refractometric Analysis	nD20	1.420	1.435

Notes

This specification was generated electronically, and is therefore unsigned.

Synerzine

Quality Control Dept.

Date Printed: 6/26/2021