

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	44239
<b>Product</b>	<b>Tetramethylene sulfoxide</b> Tetrahydrothiophene 1-oxide
<b>CAS Number</b>	1600-44-8
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>8</sub> OS
<b>Molecular Weight</b>	104.17

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Appearance</b>	Colorless to light yellow to light orange clear liquid
<b>Boiling point</b>	107 °C/12 mmHg
<b>Flash Point</b>	112 °C
<b>Density</b>	1.18
<b>Refractive Index</b>	$n_D^{20}$ 1.52
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**