

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39536
<b>Product</b>	<b>(R)-(+)-Butylene oxide</b> (R)-(+)-1,2-Epoxybutane (R)-(+)-Ethylethylene Oxide
<b>CAS Number</b>	3760-95-0
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>8</sub> O
<b>Molecular Weight</b>	72.11

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<b>Warnings</b>	<i>Hygroscopic! Store under inert gas!</i>
<b>Synonym 3</b>	(R)-(+)-Ethyloxirane
<b>Appearance</b>	Colorless clear liquid
<b>Boiling point</b>	63 °C
<b>Flash Point</b>	-22 °C
<b>Density</b>	0.84 g/mL
<b>Refractive Index</b>	$n_{20D} = 1.38$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 9 - 11^\circ$ (neat)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by GC</b>	$\geq 98\%$
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**