

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39435
<b>Product</b>	<b>(S)-(+)-3-Hydroxy-2,2-dimethylcyclohexanone</b>
<b>CAS Number</b>	87655-21-8
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>14</sub> O <sub>2</sub>
<b>Molecular Weight</b>	142.2

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<b>Appearance</b>	Slightly orange, yellow or green clear liquid
<b>Refractive Index</b>	$n_{20D} = 1.48$
<b>Optical Rotation</b>	$[\alpha]_{20D} = 21 - 25^\circ$ (C=1 in CHCl <sub>3</sub> )
<b>Purity by GC</b>	≥ 95%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**