

# *Chem-Impex International, Inc.*

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Product Specifications*

<b>Catalogue Number</b>	43104
<b>Product</b>	<b>4-(4-Hydroxybutyl)thiomorpholine 1,1-dioxide</b> 4-(1,1-Dioxothiomorpholino)-1-butanol
<b>CAS Number</b>	59801-41-1
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>17</sub> NO <sub>3</sub> S
<b>Molecular Weight</b>	207.29

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<b>Warnings</b>	<i>Air Sensitive, Heat Sensitive! Store under inert gas!</i>
<b>Appearance</b>	White to light yellow to light red crystalline powder
<b>Solubility</b>	Soluble in methanol
<b>Melting Point</b>	63 - 66 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**