

# Chem-Impex International, Inc.

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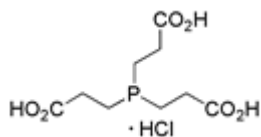
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	23004
<b>Product</b>	<b>Tris-(carboxyethyl)phosphine hydrochloride</b> TCEP•HCl
<b>CAS Number</b>	51805-45-9
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>15</sub> O <sub>6</sub> P•HCl
<b>Molecular Weight</b>	286.6

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<b>Appearance</b>	White crystal
<b>Solubility</b>	Clear and colorless (1.1 M in Water)
<b>Melting Point</b>	176 - 186 °C
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b><sup>31</sup>P NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 98%
<b>Storage</b>	Store at 0 - 8 °C under Nitrogen

**For Laboratory Use Only**