

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	43717
<b>Product</b>	<b>6-Propyl-2-thiouracil</b>
<b>CAS Number</b>	51-52-5
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> OS
<b>Molecular Weight</b>	170.23

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<b>Warnings</b>	<i>Light Sensitive!</i>
<b>Appearance</b>	White to almost white crystalline powder
<b>Solubility</b>	Degree of solubility in water 1.2 g/l 25 °C. Insoluble in benzene, chloroform, ether. Slightly soluble in ethanol, acetone. Almost transparent in 1 mol/l NaOH. Practically insoluble in water
<b>Melting Point</b>	218 - 221 °C
<b>Flash Point</b>	300 °C
<b>Infrared Spectrum</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Assay by titration</b>	≥ 99%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**