

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39343
<b>Product</b>	<b>Tebuthiuron</b> 1-[5-( <i>tert</i> -Butyl)-1,3,4-thiadiazol-2-yl]-1,3-dimethylurea
<b>CAS Number</b>	34014-18-1
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>16</sub> N <sub>4</sub> OS
<b>Molecular Weight</b>	228.31

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<b>Appearance</b>	White or slightly yellow crystalline powder
<b>Solubility</b>	Highly soluble in methanol, chloroform
<b>Melting Point</b>	161 - 165 °C
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by GC</b>	≥ 98%
<b>Storage</b>	Store at RT
<b>Additional Information</b>	λ <sub>max</sub> = 255 nm

**For Laboratory Use Only**