

# *Chem-Impex International, Inc.*

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## *Product Specifications*

$12\text{MoO}_3 \cdot \text{H}_3\text{PO}_4 \cdot x\text{H}_2\text{O}$

<b>Catalogue Number</b>	36613
<b>Product</b>	<b>Molybdophosphoric acid</b> Phosphomolybdic acid hydrate, for microscopy
<b>CAS Number</b>	51429-74-4
<b>Molecular Formula</b>	$\text{H}_3\text{Mo}_{12}\text{O}_{40}\text{P} \cdot x\text{H}_2\text{O}$
<b>Molecular Weight</b>	1825.25

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<b>Warnings</b>	<i>Hygroscopic!</i>
<b>Appearance</b>	Pale yellow to yellow powder
<b>Solubility</b>	Soluble in water, ethanol and ether.
<b>Melting Point</b>	78 - 90 °C
<b>Density</b>	1.620
<b>Purity</b>	≥ 96%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**