

# Technical Data Sheet

ChangFu® PHX31  
6-Phenylhexyltrichlorosilane



<b>Description</b>	ChangFu® PHX31 is a specialty long chain phenyl chlorosilane. Its aromatic structure and reactive chloro group enable superior silica functionalization and strong affinity for aromatic compounds, making it an ideal solution for HPLC column packing.
<b>Features &amp; Benefits</b>	Highly reactive chlorosilane. Effective modifier for minerals and inorganic fillers. Reacts rapidly with moisture/water.
<b>Applications</b>	Used as a surface modifier to functionalize HPLC stationary phases. Used as a filler modifier to improve dispersion in polymer composites. Used as an intermediate for the synthesis of specialty silanes and Si-based compounds.

## Typical Properties

Description	6-Phenylhexyltrichlorosilane
Product No.	ChangFu® PHX31
CAS No.	18035-33-1
Formula	C <sub>12</sub> H <sub>17</sub> Cl <sub>3</sub> Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

<b>Package</b>	Offered in 25L pails and 200L drums. Custom packaging is available.
<b>Storage</b>	Stored in a cool, well-ventilated place. Keep container tightly closed.
<b>Transportation</b>	See the corresponding Safety Data Sheet.