

## Technical Data Sheet

ChangFu® CN11



3-Cyanopropyldimethylchlorosilane

<b>Description</b>	ChangFu® CN11 is a cyano chlorosilane with high reactivity and strong polarity. It's a colorless liquid that can react rapidly with water. Its special physical and chemical properties make it perform significantly in surface modification and polymer functionalization.
<b>Features &amp; Benefits</b>	Highly reactive cyano silane. Strong polar compound. Reacts violently with moisture/water. Significant surface modifier of nanoparticles.
<b>Applications</b>	Used in the synthesis of various organosilicon compounds such as other functional silanes, cyano silicone oils and silicone rubbers. Used as a silica modifier to in the production of chromatographic columns, exhibiting high stability and selectivity. Used for the surface modification of nanoparticles and biopolymers.

### Typical Properties

Description	3-Cyanopropyldimethylchlorosilane
Product No.	ChangFu® CN11
CAS No.	18156-15-5
Formula	C <sub>6</sub> H <sub>12</sub> CINSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

<b>Package</b>	Offered in 25L PE pails and 200L PVF steel 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.