

# Technical Data Sheet

ChangFu® CN21

3-Cyanopropylmethyldichlorosilane



**Description** ChangFu® CN21 is a reactive chlorosilane with a polar cyano group. Its unique physical and chemical properties make it an ideal choice for surface modification and organic synthesis.

**Features & Benefits** Highly reactive organosilanes compound.  
Excellent surface modifier of nanoparticles.  
Reacts violently with moisture/water.

**Applications** Used as an intermediate in the preparation of organosilicon compounds.  
Used as a surface modifier for the functionalization of nanomaterials and biopolymers.  
Used as a coupling agent to produce coatings, adhesives, and composites.

## Typical Properties

Description	3-Cyanopropylmethyldichlorosilane
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Product No.	ChangFu® CN21
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CAS No.	1190-16-5
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Formula	C5H9Cl2NSi
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Purity	min 96%
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Color	Colorless or light yellow
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Appearance	Clear liquid
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**Package** Offered in 25L pails and 200L drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.