

### ChangFu® CN31

3-Cyanopropyltrichlorosilane



**Description** ChangFu® CN31 is a reactive cyano silane which reacts rapidly with moisture and water. The physical and chemical properties make it generally serve as a raw material for organic synthesis and a surface modification agent of various nanoparticles.

**Features & Benefits** Chlorosilane with a cyano functional group.  
Excellent surface modifier.  
Good reactivity and can react with other organic compounds.

**Applications** Used in the preparation of various organosilicon compounds such as other functional silanes, cyano silicone oils and silicone rubbers.  
Used for the surface modification of nanomaterials and biopolymers.  
Used as a reagent and a laboratory chemical in the synthesis of chemical compounds.

### Typical Properties

Description	3-Cyanopropyltrichlorosilane
Product No.	ChangFu® CN31
CAS No.	1071-27-8
Formula	C <sub>4</sub> H <sub>6</sub> Cl <sub>3</sub> NSi
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

**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.