

## ChangFu® CN33

3-Cyanopropyltriethoxysilane



**Description** ChangFu® CN33 is a versatile organic silicon compound with a reactive cyano functional group. It is stable and not easily decomposed if kept in strictly sealed containers. It can be used in both scientific research and industrial applications due to its special physical and chemical properties.

**Features & Benefits** Trialkoxysilane with a cyano functional group.  
Excellent surface modifier.  
Reacts slowly with moisture/water.

**Applications** Used for the surface modification of nanomaterials and biopolymers.  
Used as a tackifier and a thixotropic agent, especially suitable for RTV production.  
Used as a coupling agent to improve the adhesion with metal surface.  
Used to synthesize organosilicon compounds including other functional silanes, cyano silicone oils and silicone rubbers.  
Used in the synthesis of titanium-based sorbent for water treatment.

### Typical Properties

Description	3-Cyanopropyltriethoxysilane
Product No.	ChangFu® CN33
CAS No.	1067-47-6
Formula	C <sub>10</sub> H <sub>21</sub> NO <sub>3</sub> Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L PE pails and 200L PVF steel drums.  
Custom packaging is available.

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

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