

## Technical Data Sheet

ChangFu® C1833  
n-Octadecyltriethoxysilane



**Description** ChangFu® C1833 is a long chain alkyl silane which has excellent hydrophobic properties. With the presence of its octadecyl group and three alkoxy groups, it performs well in a wide range of applications from coatings to nanotechnology.

**Features & Benefits** C18 silane with excellent hydrophobicity.  
Able to improve compatibility.  
Workable for surface modification.

**Applications** Used as a coupling agent and adhesion promoter in the production of various polymers such as coating, adhesives, and sealants.  
Used as a surface modifier of a variety of nanoparticles and fillers.  
Used as a water repellent agent and can form a hydrophobic coating on various substrates.  
Used as a surface modification agent to improve corrosion resistance of metals.

### Typical Properties

Description	n-Octadecyltriethoxysilane
Product No.	ChangFu® C1833
CAS No.	7399-00-0
Formula	C <sub>24</sub> H <sub>52</sub> O <sub>3</sub> Si
Purity	min 95%
Color	Colorless or light yellow
Appearance	Clear liquid or solid

**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.