Technical Data Sheet

ChangFu® C811

n-Octyldimethylchlorosilane

Description	ChangFu® C811 is a chlorosilane containing a long chain alkyl group. It is a highly reactive organosilicon compound. Due to its outstanding physical and chemical properties, it is mainly utilized for surface modification of inorganic materials.
Features & Benefits	C8 functional silane monomer. Reacts violently with moisture/water. Excellent surface modifier of silica. Commonly employed in bonded HPLC reverse phases.
Applications	Used as a surface modifier in the preparation of functionalized silica nanoparticles, which are mainly used in reversed phase C8 chromatographic columns. Used for the surface modification and functionalization of metals, glass, and ceramics. Used as a precursor and a silylation reagent to produce several organic silicon compounds. Used for hydrophobic modification of wood-plastic composites, fabrics, and polymers.

Typical Properties

Description	n-Octyldimethylchlorosilane
Product No.	ChangFu® C811
CAS No.	18162-84-0
Formula	C10H23ClSi
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.