

ChangFu® C1831 n-Octadecyltrichlorosilane



Description ChangFu® C1831 is a reactive chlorosilane compound with long alkyl chains. Its molecular structure enables hydrophobicity, surface wettability, and dispersibility. These properties make it an ideal choice for water repellency and surface modification applications.

Features & Benefits Reacts rapidly with moisture.
Long-chain alkyl silane with good hydrophobicity.
Excellent surface modification performance.

Applications Used as an intermediate in the synthesis of silicon containing compounds.
Used as a water repellent agent, able to form a hydrophobic coating on various substrates.
Used as a surface modifier of silica nanoparticles for the preparation of reversed phase C18 chromatographic columns.

Typical Properties

Description	n-Octadecyltrichlorosilane
Product No.	ChangFu® C1831
CAS No.	112-04-9
Formula	C ₁₈ H ₃₇ Cl ₃ 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.