

### ChangFu® F1731

1H,1H,2H,2H-Perfluorodecyltrichlorosilane



**Description** ChangFu® F1731 is a fluoroalkyl silane compound mainly employed as a silane coupling agent. Due to its excellent hydrophobicity and stability, it has been widely utilized in the modification of various surfaces such as glass and ceramics.

**Features & Benefits** Fluoroalkyl silane with excellent hydrophobicity.  
Highly reactive chlorosilane.  
Excellent surface modification agent.

**Applications** Used as a crosslinker and an intermediate in the preparation of fluoro silicone monomers, fluoro silicone rubbers, and fluoro silicone resins.  
Used as a surface modifier and water repellent agent for various inorganic substrates such as glass, ceramics, and textiles.

### Typical Properties

Description	1H,1H,2H,2H-Perfluorodecyltrichlorosilane
Product No.	ChangFu® F1731
CAS No.	78560-44-8
Formula	C <sub>10</sub> H <sub>4</sub> Cl <sub>3</sub> F <sub>17</sub> Si
Purity	min 96%
Color	Colorless or light pink
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.