

### ChangFu® H21α

Chloromethyldichlorosilane



**Description** ChangFu® H21α is a transparent liquid that may cause severe irritation. As a crucial raw material in the chemical industry, it is primarily employed in the synthesis of organic silicon intermediates and polymers. It is highly reactive and reacts promptly when exposed to water or moisture, hence extra caution should be taken during its handling.

**Features & Benefits** Crucial organic intermediate with high reactivity.  
Reacts violently when exposed to water.  
Extremely hydrolyzable, may release hydrogen chloride and generate condensates.  
Can participate in a variety of chemical reactions.

**Applications** Used as an intermediate for the preparation of various silicon polymers, surfactants and functional materials. It can act as a catalyst, reducing agent, and reagent in organic synthesis. Used as a raw material for producing silicon-based composites, such as silicon carbide. Used in several industries, including solar cells, semiconductors, electronics, metal ceramic composites, and optical fibers.

### Typical Properties

Product No.	ChangFu® H21α
Description	Chloromethyldichlorosilane
CAS No.	18170-89-3
Formula	CH <sub>3</sub> ClSi
Purity	min 98%
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.