

# Technical Data Sheet

ChangFu® BCL12  
1,3-Bis(3-chloropropyl)-1,1,3,3-tetramethyldisiloxane



**Description** ChangFu® BCL12 is a specialty dual-end siloxane featuring reactive chloropropyl groups. Its low molecular weight and high reactivity make it a key intermediate for organic synthesis and hybrid materials preparation.

**Features & Benefits** High reactivity.  
Able to enhance crosslinking and structural control.

**Applications** Used as an intermediate and a crosslinking agent for organosilicon compounds, including siloxane monomers and specialty polymers.  
Used as a building block for 3D supramolecular structures.  
Used as a critical component in hybrid hydrogels, supporting biomedical and advanced materials development.

## Typical Properties

Description	1,3-Bis(3-chloropropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® BCL12
CAS No.	18132-72-4
Formula	C10H24Cl2OSi2
Purity	min 95%
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.