

### ChangFu® MS-OHET



OH-terminated polyether modified polysiloxane

**Description** ChangFu® MS-OHET is a silicon compound that combines the advantages of polyether and polysiloxane. Polyether segments provide good hydrophilicity, flexibility, and weather resistance to compounds, while polysiloxane segments impart excellent hydrophobicity, high and low temperature resistance. Its molecular chain has a hydroxyl group (-OH) at the end. Hydroxyl group is an active functional group that can participate in a variety of chemical reactions, such as esterification, etherification, and provide more modification possibilities.

**Features & Benefits** Has low viscosity, low surface tension, high temperature stability and good wettability. Eco-friendly choice with lower volatile organic compound (VOC) content.

**Applications** Used as lubricants and protectants in cosmetics and personal care products.  
Used as surfactants in the preparation of emulsions, foaming agents and defoamers.  
Used to prepare water-soluble polysiloxane coatings that provide protection and anti-fouling properties to a variety of surfaces.  
Used as a leather treatment agent to improve the durability, surface properties, and enhance the water and chemical resistance of leathers.

### Typical Properties

Description	OH-terminated polyether modified polysiloxane
Product No.	ChangFu® MS-OHET
Appearance	Colorless to light yellow clear liquid
Molecular Weight	~1000; ~2000
Active Ingredient Content	100%

**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.