

### TCS-10M

#### INCI Name

DIMETHICONE

#### Description

TCS-10M is a middle viscosity dimethicone grease with excellent film forming, lubricating and antistatic properties. It is used in 2 in 1 shampoo and hair conditioner, improving dry & wet combability and imparting hair lubricity and luster. No accumulation exists after repeated use.

#### Specification

Parameter	Value
Appearance	Clear transparent viscous liquid
Volatility (150 °C/3h,%)	≤1.5
Viscosity(25°C,mPa.s)	80000-150000

These values indicate typical specification, they are not intended to be used as product specifications.

#### Properties

- Improve dry & wet combability of hair.
- Impart soft silky feel and luster to hair.
- Excellent anti-static and hair-breathing ability.
- Good stability and safety.

#### Applications

- 2 in 1 shampoo
- Hair conditioner
- Body wash and skin cleanser

#### Formula Guidelines

Typically used at a level of 0.5~5.0%.

- How to handle in shampoo, body wash formula --  
Pre-emulsify TCS-10M to appropriate particle size, then add into system below 45°C.
- How to handle in conditioner formula --  
Mix with other silicone, without over heating.  
Mix oil phase (except silicone) and water phase normally, add silicone mixture at 60-70°C, then homogenize.

#### Storage & Handling

**Standard Packing:**186 kg/drum

**Storage:** Keep in Cool, Dry, Ventilated and Lightless Place.

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