

TCS-6M

INCI Name

DIMETHICONE

Description

TCS-6M 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)	50000-100000

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-6M 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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