

### TC-1218

#### INCI Name

DIMETHICONE & DIMETHICONOL

#### Description

TC-1218 is a mixture of high viscosity dimethiconol grease and low viscosity dimethicone oil, used as a conditioner to provide a lubricous, clear skin feel like velvet.

#### Specification

Parameter	Value
Appearance	Clear transparent viscous liquid
Odor	Characteristic
Viscosity(25℃,mPa·s)	≥2000
Volatility (150℃/3h,%)	≤12.0

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

#### Properties

- Impart unique, excellent, silky, non-oily skin feeling. Good adhesive ability to skin.
- Provide luster and texture.
- Spreadable, adhesive, lubricous, tacky and glossy properties are all better than dimethyl siloxane oil.
- Improve wet & dry combability, suppleness and manageability.

#### Applications

- Skin lotion and cream
- Make-up products: lipstick, foundation and so on
- Sunscreen product

- Hair conditioner

#### Formula Guidelines

Typically used at a level of 0.5~5.0%.

Mix with other silicone firstly, without over heating.

Mix oil phase (except silicone) and water phase normally, add silicone mixture at 60-70℃, and then homogenize.

#### Cautions:

TC-1218 includes 12% high viscosity dimethiconol, which is not compatible with other oils and common alcohols, synthetic glycerides and fatty alcohol, but compatible with some organic ester such as Isobutyl Palmitate, Isobutyl stearate, and Isobutyl myristate. It is forbidden to heat TC-1218 together with other oils, to prevent high viscosity dimethicone from separating-out.

#### Storage & Handling

**Standard Packing:** 186kg/drum

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

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