

TC-1403

INCI Name

Dimethicone & Dimethiconol

Description

TC-1403 is a clear solution of ultra high viscosity Dimethiconol fluid in a low viscosity Dimethicone fluid, used as a conditioner can provide a lubricous, clear skin feel like velvet.

Specification

Parameter	Value
Appearance	Colorless transparent viscous liquid
Odor	Characteristic
Viscosity(25°C,mPa·s)	3000-5500
Volatile matter (%)	≤86

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 the skin.
- Provide luster and texture.
- Spreadable, adhesive, lubricous, tacky and pearlescent properties are all better than dimethyl siloxane oil.
- Provide a moist skin feel
- Improve wet & dry combability, suppleness and manageability.

Applications

- Skin lotion and cream
- Foundation
- Sunscreen product
- Hair conditioner

- Hair oil

Formula Guidelines

Typically used at a level of 0.5~5.0%.
Mix with other silicone firstly, without over heat.
Mix oil phase (except silicone) and water phase normally, homogenize until uniform. Cool to 60°C, add TC-1403, and then homogenize.

Storage & Handling

Standard Packing: 190kg/drum

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

Shelf life: 24months

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