

TC-204

INCI Name

PEG/PPG-22/23 DIMETHICONE

Description

TC-204 is a safe water-soluble surfactant at normal usage, with good moisturizing, foam-stabilizing and conditioning capacity. It can be used as hair conditioner to provide hair a silky feel, also used as skin emollient, widely applied in 2 in 1 shampoo, styling product, soap, shaving product, skin lotion, make-up foundation and antiperspirant.

Specification

Parameter	Value
Appearance	Yellowish to colorless liquid
Viscosity(25 °C,mPa.s)	1000-3000
Volatility (150 °C/3h,%)	≤2.0
Refractive index(n_D^{25})	1.40-1.50

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

Properties

- Excellent conditioning ability, provide a silky feeling
- Function with little dosage
- Good compatibility with other ingredients
- No irritation to skin
- Good foam stability and lubricative effect.

Applications

- 2 in 1 shampoo
- Styling product

- Body wash, soap, shaving product and facial cleanser
- Skin lotion, make-up foundation and antiperspirant product

Formula Guidelines

Typically used at a level of 0.5~3.0%.

Add into system at low temperature.

Storage & Handling

Standard Packing:200kg/drum

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

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