



NISHKA ALLIANCE LLP.

INCI Name: Propyl Methicone

NISH PM10

NISH PM 104 is a low molecular weight alkyl- modified silicone fluid. It is a propyl-substituted dimethylsiloxane and dimethyl cyclic free.

Benefits:

- It reduces oily feel of UV-filters and helps its uniform film formation.
- It reduces frizz.
- Enhances SPF of Sunscreen & maintains consistency.
- On application it imparts non greasy, lightweight & dry feel.
- Excellent color dispersant.
- It increases retentivity of perfume.

Applications:

- Skincare.
- Haircare.
- Color Cosmetics.
- Deodorants & body mist.

Characteristic Properties:

- Appearance: Clear, Colorless liquid
- Viscosity at 25 °C: 6-8 cst
- Refractive Index: 1.416
- Organic compatibility Yes.

These figures are only intended as a guide and should not be used in preparing specifications.

Product Safety, Handling and Storage

For product safety & handling read material safety data sheets. When stored at or below 25°C (77°F) in the original unopened containers, this product has a usable life of 24 months from the date of production.

Packaging:

Available in 170 kg drums and 16 kg carboys.

How to use

NISH PM 104 is added in the oil/silicone phase manufacturing cosmetic formulations.
Recommended dosage is 1.0- 5.0%

Important

The data and statements contained herein are based on our research and/or the research of others, and are believed to be accurate. No guarantee of their accuracy is made however, and unless expressly stated in a written contract, the product(s) discussed herein are sold without conditions or warranties, expressed or implied. Purchasers are advised to make their own tests to determine the suitability of this product for their particular purposes. Nothing contained herein shall be construed as a recommendation to use or as a license to operate under or to infringe on any existing patent

Solubility Data of NISH PM 104

Material	Solubility
Water	I
Ethanol	S
Isopropyl alcohol	S
Glycerin	I
Isopropyl myristate	S
C 12-15 benzoyl	S
Isononyl Isononanoate	S
Octyl Palmitate	S
Ethylhexyl Palmitate	S
Decyl Oleate	S
Caprylic Triglycerides	S
Hydrogenated Polyisobutene	S
Olive oil	S
Sunflower oil	S
Corn oil	S
Jojoba oil	S
Sesame oil	S
Almond oil	S
Coconut oil	S
Castor oil	I
Dimethicone	S
Shea butter	S
Octyl Methoxycinnamate	S
Ethylhexyl Methoxycinnamate	S
Hydrocarbons	S
Isododecane	S
Isohexadecane	S
C13-14 Isoparaffin	S

I -> Insoluble at all proportions

S -> Soluble at all proportions