



NISHKA ALLIANCE LLP.

INCI NAME: Propyl Trisiloxane

NISH PT103

NISH PT 103 is a short chain trisiloxane with a propyl group. Its solubility & volatility characteristics is comparable with Cyclopentasiloxane (D5) making the formulator achieve performance as needed while addressing regulatory concerns.

Benefits:

- Excellent wetting & super spreading property.
- Enhances penetration of actives.
- Boosts SPF of Sunscreen & maintains consistency.
- Enhances retentivity of perfume.
- On application it imparts non greasy, lightweight & velvety feel.
- Excellent color dispersant.
- Reduces heat damage to the hair during ironing.

Applications:

- Skin care.
- Hair care.
- Color Cosmetics.
- Deodorants & body mist.

Characteristic Properties:

- Appearance: Clear, Colorless liquid
- Viscosity at 25 °C: 1- 2 CST
- Refractive Index: 1.3960
- Boiling Point °C: 197
- Flash Point °C: 54
- 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 36 months from the date of production.

Packaging:

Available in 170 kg drums and 16 kg carboys.

How to use

NISHPT103 is added in oil/silicone phase while 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 PT 103

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Solubility Data of NISH PT 103

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
Ethyl hexyl Palmitate	S
Decyl Oleate	S
Caprylic Triglycerides	S
Hydrogenated Polyisobutene	S
Olive oil	S
Sunflower oil	S
Corn oil	S
Jobba 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

VOLATILITY DATA OF NISH PT103

