



NISHKA ALLIANCE LLP.

INCI NAME: BIS-PEG 10 Dimethicone

NISH BSG 115

NISH BSG 115 is a PEG-modified silicone surfactant where propylene glycol (PEG-10) is chemically bonded to dimethicone. The structure is linear with two primary hydroxyls.

Benefits:

- It is an excellent surface tension reducer when incorporated in cosmetic formulations.
- It helps emulsify oils & silicones into water.
- It has excellent spread quality.
- It is non-greasy.
- It imparts soft and silky feel to hair & skin.
- It provides excellent slip & lubrication.
- NISH BSG 115 is more hydrophilic than NISH BSG 105. It is mainly used as Oil-in-water emulsifier.

Applications:

- Skincare.
- Haircare.
- Color Cosmetics.
- Sunscreens.

Characteristic Properties:

- | | |
|----------------------------|-------------------------|
| • Appearance | Clear fluid |
| • Color | Clear to slight yellow. |
| • Oduor | Characteristic. |
| • Refractive index at 25°C | 1.425-1.450 |
| • HLB Value | 11.50 |
| • Viscosity at 25°C | 100-800 cps |

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 refer material safety data sheets.

Store it in cool and dry place (free from dust particles) in closed container.

The product has a shelf-life of 24 months from the date of manufacturing.

Packaging:

Available in 50kg and 100kg drums.

How to use

NISH BSG 115 may be incorporated in cosmetic formulations by hot or cold process.

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