



# **NISHKA ALLIANCE LLP.**

**INCI NAME: BIS-PEG 10 Dimethicone**

**NISH BSG 105**

NISH BSG 105 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.

## **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                | 10.50                   |
| • Viscosity at 25°C        | 200-1000 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 105 may be incorporated in cosmetic formulations by hot or cold process.

## **Important**

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