

## CHT-BeauSil™ PEG 010 Modified polysiloxane as an ingredient for Personal Care.

### Description

Organo modified Silicone polymer for the use as ingredient in Personal Care applications. The unique product allows to formulate high end formulations.

### Key Features

- Cleansing effect
- Emulsifier for O/W emulsion
- Enhances Spreading
- Emollient and Conditioning agent

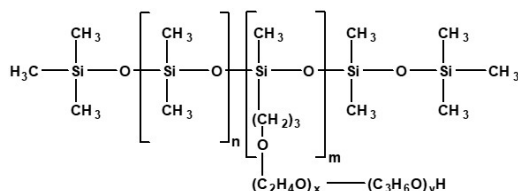
### Key Applications

- Skin Care
- Cleansing
- Shaving

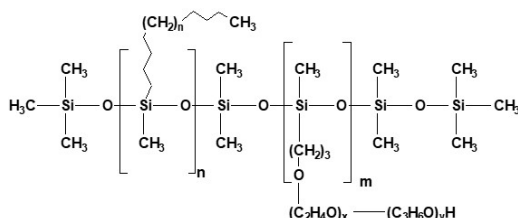
### Application

CHT-BeauSil™ PEG 010 is a water-soluble surfactant which due to its ambiphilic nature used as emulsifier and foam builder. CHT-BeauSil™ PEG 010 imparts lubricity and softness, improves skin and wet hair feel as well as combing properties. CHT-BeauSil™ PEG 010 prevents sticking in deodorants.

### Structure examples of Silicone Emulsifiers / Surfactants



Example for PEG/PPG Dimethicone



Example for Alkyl-PEG/PPG Dimethicone

### Use and Cure Information

Stir before use.

### Health & Safety

Safety Data Sheets available on request.

### Packaging

Drums and bulk containers. Please contact our sales department for more information

Revision Date 08 Dec 2021  
Revision No 3  
Download Date 08 May 2024

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

### Test Method

### Value

Colourless to yellow liquid

PEG/PPG-15/5 dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield <1200 cP

### Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

0.1 – 2.0% in cleansing formulations

0.5 - 3.0% as emulsifier

0.3 - 3.0% as emollient / conditioning agent

### Solubility

Solubility - Almond oil

Solubility - Cetyl Dimethicone

Solubility - Dimethicone

350cst

Solubility - Ethanol

Solubility -

Ethylhexylcarbonate

Solubility - Glycerine

Solubility - IPM

Solubility - Isododecane

Solubility - Paraffin Oil

Solubility - Polysorbate-20

Solubility - Propylenglycol

Solubility - Water

Miscible

Miscible

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Soluble

Insoluble

Soluble

### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

40 °C / 104 °F

4 °C / 39 °F

12 mths

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