

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

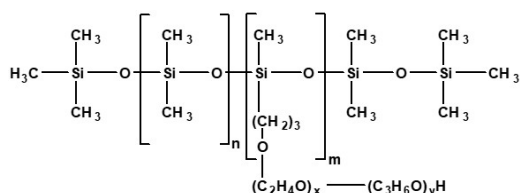
Key Applications

- Skin Care
- Cleansing
- Shaving

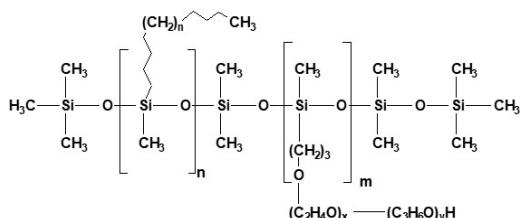
Application

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 25 Apr 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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