

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

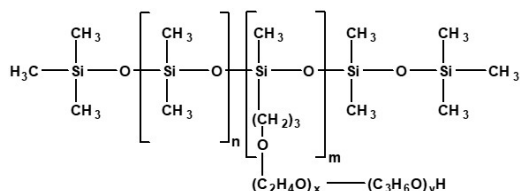
Key Applications

- Skin Care
- Cleansing
- Shaving

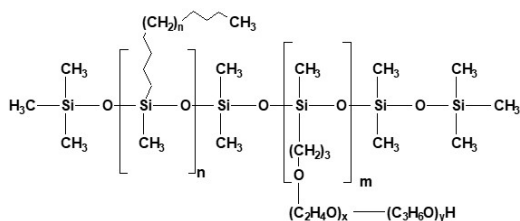
Application

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 Nov 2024

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

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

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test

Method

Value

Colourless to yellow liquid

PEG/PPG-15/5 dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield <1200 cP

0.1 – 2.0% in cleansing formulations

0.5 - 3.0% as emulsifier

0.3 - 3.0% as emollient / conditioning agent

Miscible

Miscible

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Soluble

Insoluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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