

CHT-BeauSil™ PEG 023 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 W/Si and W/O emulsions with dispersing and solubilizing properties
- Enhances Spreading
- Emollient and Conditioning agent

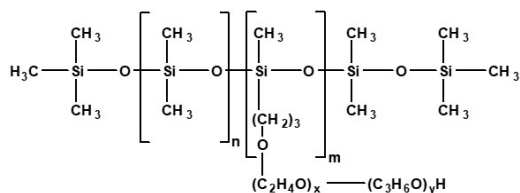
Key Applications

- Hair Care
- Skin Care
- Color Cosmetic
- Sun Care

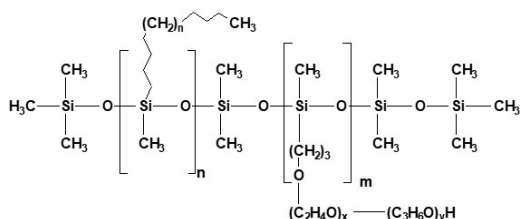
Application

CHT-BeauSil™ PEG 023 is an emulsifier special for water – in – silicone emulsion as well as water – in – oil emulsion. The application fields for CHT-BeauSil™ PEG 023 are skin care and decorative cosmetic. CHT-BeauSil™ PEG 023 is suitable for making sun care products as well as body lotions.

Structure examples of Silicone Emulsifiers / Surfactants



Example for PEG/PPG Dimethicone



Example for Alkyl-PEG/PPG Dimethicone

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 12 Aug 2022

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

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

Test Method

Brookfield

Value

Colourless to yellow liquid

PEG-10 dimethicone

Non-ionic

Yes

Approx. 100

Yes

450 – 800 cP

0.5 - 3.0% as emulsifier

Miscible

Miscible

Miscible

Soluble

Soluble

Soluble

Soluble

Miscible

Miscible

Miscible

Soluble

Insoluble

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

40 °C / 104 °F

4 °C / 39 °F

24 mths

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