

## 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

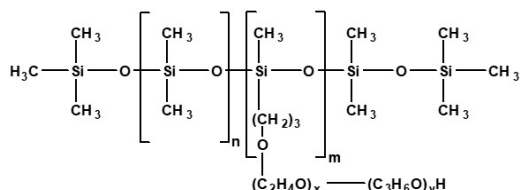
### Key Applications

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

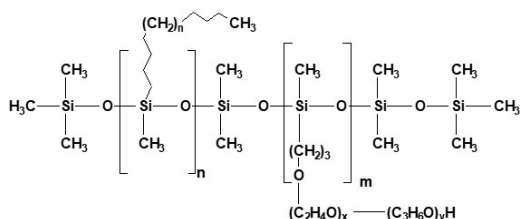
### Application

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

### 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 14 Nov 2024

### 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

#### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

### 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

40 °C / 104 °F

4 °C / 39 °F

24 mths

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CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com