

## 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

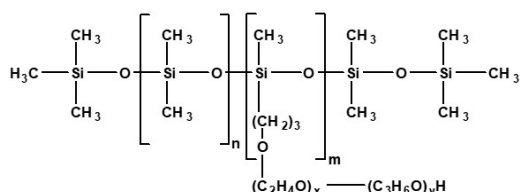
### Key Applications

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

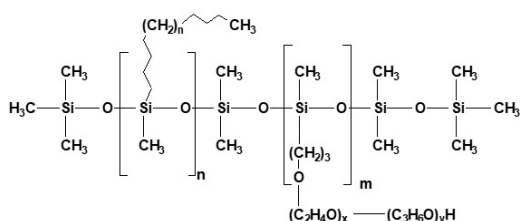
### Application

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 22 Jul 2024

### Property

#### Product

Appearance  
INCI Name  
Ionicity  
MIT Free  
Non-Volatile Content (%)  
Ultralow cyclic content  
Viscosity

### Test Method

Brookfield

### Value

Colourless to yellow liquid  
**PEG-10 dimethicone**  
Non-ionic  
Yes  
Approx. 100  
Yes

450 – 800 cP

### Addition Rates

Dosage - 1

0.5 - 3.0% as emulsifier

### 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  
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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