

## CHT-BeauSil™ PEG 076 Modified siloxane 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

- Emulsifier for Si/W, O/W, O/Si and W/Si emulsions
- Enhances spreading
- Emollient

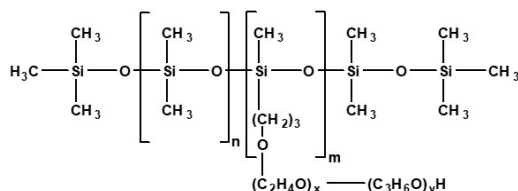
### Key Applications

- Skin Care
- Hair Conditioner

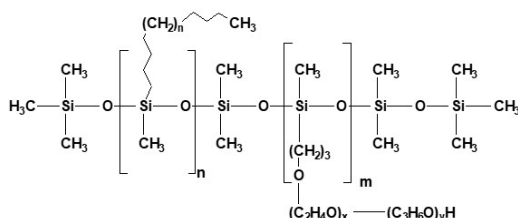
### Application

CHT-BeauSil™ PEG 076 is an emulsifier for W/Si, O/Si, O/W and Si/W emulsions in skin and colour cosmetic formulations. Apart from these application fields, CHT-BeauSil™ PEG 076 can be used as water-dispersible emollient.

### 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

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

### Test Method

### Value

Colourless to yellowish liquid

PEG-8 dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield 170 – 330 cP

### Addition Rates

Dosage - 1

Dosage - 2

0.5 – 5.0% as emollient

1.0 – 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

Soluble

Miscible

Soluble

Soluble

Miscible

Soluble

Soluble

Insoluble

Soluble

Miscible

Miscible

### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

40 °C / 104 °F

4 °C / 39 °F

24 mths

Revision Date 01 Feb 2024

Revision No 4

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