

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

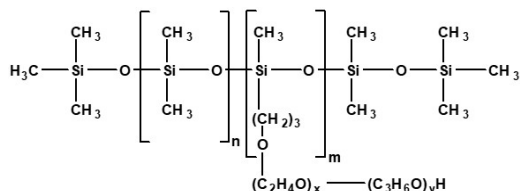
Key Applications

- Skin Care
- Hair Conditioner

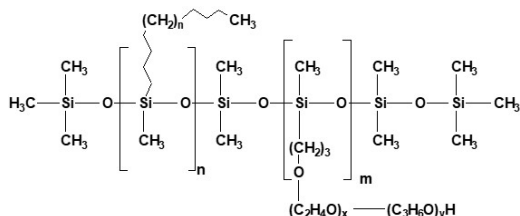
Application

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, 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

Health & Safety

Safety Data Sheets available on request.

Packaging

Drums and bulk containers. Please contact our sales department for more information

Revision Date 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

Dosage - 2

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 yellowish liquid
PEG-8 dimethicone
Non-ionic
Yes
Approx. 100
Yes
Brookfield **150 - 300 cP**

0.5 - 5.0% as emollient
1.0 - 3.0% as emulsifier

Miscible

Soluble

Miscible

Soluble

Soluble

Miscible

Soluble

Soluble

Insoluble

Soluble

Miscible

Miscible

40 °C / 104 °F

4 °C / 39 °F

24 mths

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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