

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

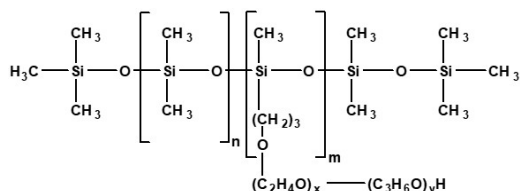
Key Applications

- Skin Care
- Hair Conditioner

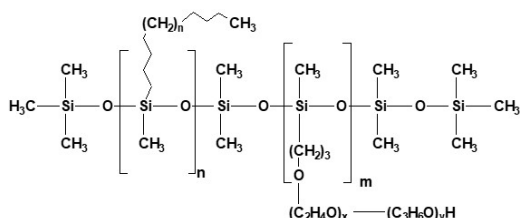
Application

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

Brookfield

Value

Colourless to yellowish liquid

PEG-8 dimethicone

Non-ionic

Yes

Approx. 100

Yes

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

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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