

CHT-BeauSil™ PEG 525 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

- Emulsifier for W/Si and W/O emulsions with dispersing and solubilizing properties
- Enhances Spreading
- Easy to use

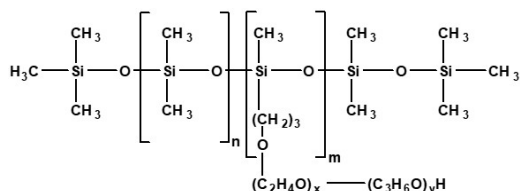
Key Applications

- Skin Care
- Color Cosmetic
- Sun Care

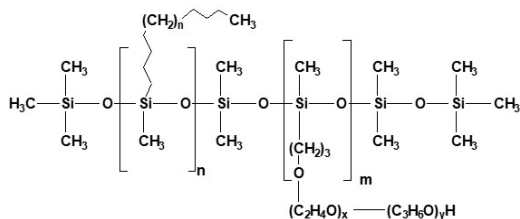
Application

CHT-BeauSil™ PEG 525 is an emulsifier special for water – in – silicone emulsion as well as water – in – oil emulsion. The application fields for CHT-BeauSil™ PEG 525 are skin care products, color and decorative cosmetic. CHT-BeauSil™ PEG 525 is suitable for making sun care products.

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 12 Feb 2024
Revision No 7
Download Date 18 May 2024

Property

Product

Appearance

HLB

INCI Name

Ionicity

Non-Volatile Content (%)

Viscosity

Test Method

Value

Translucent to hazy, slightly gray liquid. Slight sediment possible.

2-3

Cyclopentasiloxane (and) PEG/PPG-18/18 Dimethicone

Non-ionic

10-15

Brookfield <100 cP

Addition Rates

Dosage - 1

5-15% as emulsifier

Solubility

Solubility - Almond oil

Miscible

Solubility - Cetyl Dimethicone

Miscible

Solubility - Dimethicone 350cst

Soluble

Solubility - Ethanol

Insoluble

Solubility - Ethylhexylcarbonate

Miscible

Solubility - Glycerine

Insoluble

Solubility - IPM

Miscible

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Miscible

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Insoluble

Solubility - Water

Insoluble

Storage

Max Storage Temperature

40 °C / 104 °F

Shelf Life

24 mths

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