

BeauSil™ WAX 055 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

- W/O and W/Si Emulsifier
- Emollient and conditioning agent
- Improves spreading
- Reduce tackiness

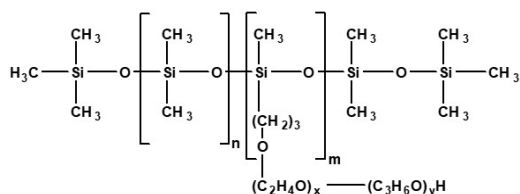
Key Applications

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

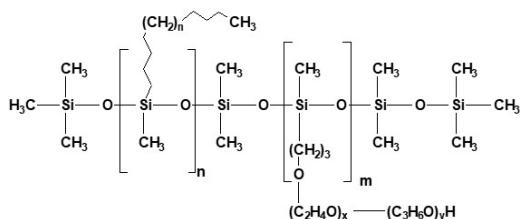
Application

BeauSil WAX 055 is a silicone emulsifier for creating W/O, W/Si or Si/O Emulsions. BeauSil WAX 055 is compatible with the most ingredients and suitable to act as a solubilizer of organic/natural/silicone ingredients. Beside the emulsification property BeauSil WAX 055 is also an ideal conditioning agent for skin and hair.

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 11 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

Test Method

Brookfield

Value

Colourless to slightly yellowish fluid

Cetyl-PEG/PPG-10/1-Dimethicone

Non-ionic

Yes

>90

Yes

800 - 2.300 cP

Addition Rates

Dosage - 1

Dosage - 2

0.3 - 5.0% as an emulsifier

0.5 - 5.0% as conditioning agent

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

Soluble

Soluble

Miscible

Miscible

Soluble

Miscible

Soluble

Soluble

Soluble

Insoluble

Miscible

Insoluble

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

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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