

CHT-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

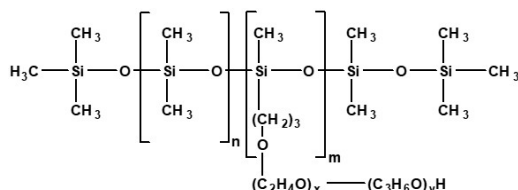
Key Applications

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

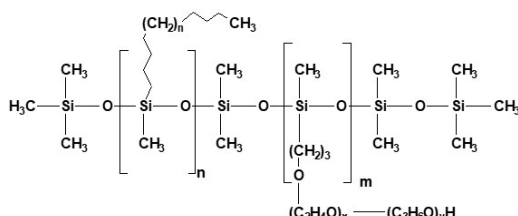
Application

CHT-BeauSil™ WAX 055 is a silicone emulsifier for creating W/O, W/Si or Si/O Emulsions. CHT-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 CHT-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

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 30 Nov 2021
Revision No 3
Download Date 14 May 2024

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test Method

Value

Colourless to slightly yellowish fluid

Cetyl-PEG/PPG-10/1-Dimethicone

Non-ionic

Yes

>90

Yes

Brookfield 800 - 2.300 cP

Addition Rates

Dosage - 1

0.3 - 5.0% as an emulsifier

Dosage - 2

0.5 - 5.0% as conditioning agent

Solubility

Solubility - Almond oil

Soluble

Solubility - Cetyl Dimethicone

Soluble

Solubility - Dimethicone 350cst

Miscible

Solubility - Ethanol

Miscible

Solubility - Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Soluble

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Miscible

Solubility - Water

Insoluble

Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

24 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. 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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany

Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com