

CHT-BeauSil WAX 018 Modified siloxane as an ingredient for Personal Care.

Description

Silicone waxes are more than an emollient in Personal Care. Silicone waxes are alkyl modified polydimethyl siloxanes that act different than classic silicone fluids in formulations. Outstanding performance is created by the alkyl modification which result in unique physical and chemical properties.

Key Features

- Emollient, Softness and Smoothness, Reduces tackiness
- Water resistance
- Film forming
- Structure, texture and viscosity

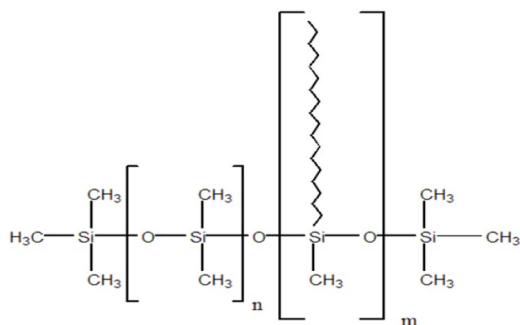
Key Applications

- Skin Care
- Color Cosmetic
- Sun Care

Application

CHT-BeauSil™ WAX 018 improves the water resistance, detackification, gloss, emolliency and works as filmformer. It provides a good spreadability, non-sticky feel and moisturising benefits when it melts on contact with the skin. CHT-BeauSil™ WAX 018 improves the skin adhesion of decorative cosmetics and pigment dispersions.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums. Contact our sales department for more information.

Revision Date 21 Apr 2022
Revision No 6
Download Date 08 May 2024

Property

Product

Appearance
INCI Name
Ionicity
MIT Free
Melting point (°C)
Non-Volatile Content (%)
Ultralow cyclic content

Test Method Value

White to slightly yellow wax
Stearyl methicone
Non-ionic
Yes
Approx. 45°C
Approx. 100
Yes

Addition Rates

Dosage - 1

0.5 – 5.0% in decorative and skin care preparations

Dosage - 2

1.0 - 3.0% in sun care products

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
Insoluble
Soluble
Insoluble
Soluble
Soluble
Soluble
Miscible
Insoluble
Insoluble

Storage

Max Storage Temperature
Min Storage Temperature
Shelf Life

55 °C / 131 °F
4 °C / 39 °F
48 mths

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