# **TECHNICAL DATA SHEET**



## 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

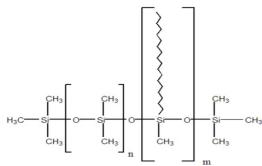
## **Key Applications**

- Skin Care
- Color Cosmetic
- Sun Care

## Application

CHT-BeauSil<sup>™</sup> 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<sup>™</sup> 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	17 May 2024

### Property

Product

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

## Addition Rates

Dosage - 1

Dosage - 2

#### 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

#### Storage

Max Storage Temperature Min Storage Temperature Shelf Life Test Method

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

0.5 – 5.0% in decorative and skin care preparations 1.0 - 3.0% in sun care products

Soluble Soluble Insoluble Soluble Soluble Soluble Soluble Miscible Insoluble

55 °C / 131 °F 4 °C / 39 °F 48 mths

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