

CHT-BeauSil™ WAX 040 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

- Enhances spreading and solubilizing of natural lipids
- Emollient and Conditioning agent
- Reduces tackiness
- Cleansing effect

Key Applications

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

Application

CHT-BeauSil™ WAX 040 is a liquid silicone wax used in personal care applications like sun, skin and hair care formulations or decorative cosmetic. Its surface activity in many organic media enhances the spreading and wetting behaviour of formulations. It creates a pleasant skin feeling combined with improved shine.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021
Revision No 3
Download Date 19 May 2024

Property

Product

Appearance
INCI Name
Ionicity
MIT Free
Non-Volatile Content (%)
Ultralow cyclic content
Viscosity

Test Method

Value

Colourless to yellow liquid
Caprylyl methicone
Non-ionic
Yes
Approx. 100
Yes
Brookfield <50 cP

Addition Rates

Dosage - 1
Dosage - 2

0.3 - 5.0% as emollient and reduction of tackiness
up to 100.0% as solvent

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
Soluble
Soluble
Soluble
Insoluble
Soluble
Soluble
Soluble
Insoluble
Insoluble
Insoluble

Storage

Max Storage Temperature
Min Storage Temperature
Shelf Life

40 °C / 104 °F
4 °C / 39 °F
24 mths

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