

CHT-BeauSil™ WAX 070 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
- Reduces tackiness
- Provides controlled moisturization
- Dispersing and Solubilizing properties

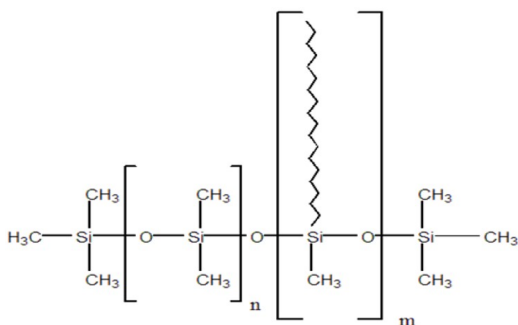
Key Applications

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

Application

CHT-BeauSil™ WAX 070 is a ideal ingredients for many types of skin care products, sun screens and colour cosmetics. A clear benefit beside the non-tacky and pleasant skin feeling is the high compatibility with organic ingredients and natural lipids. Additionally the CHT-BeauSil™ WAX 070 is a perfect wetting agent for pigments to create stable formulations. CHT-BeauSil™ WAX 070 can be used in leave-in products for hair care to improve softness and combing.

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 03 Jul 2024

Property

Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

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

Colourless to pale yellowish liquid

Cetyl dimethicone

Non-ionic

Yes

Approx. 100

Yes

Brookfield 40 – 120 cP

0.5 – 5.0% as emollient

1.0 – 10.0% as wetting agent for pigments

1.0 – 5.0% as additive in sun screen

Soluble

Soluble

Miscible

Insoluble

Soluble

Miscible

Soluble

Soluble

Soluble

Miscible

Miscible

Insoluble

40 °C / 104 °F

4 °C / 39 °F

24 mths

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