

CHT-BeauSil™ WAX 012 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

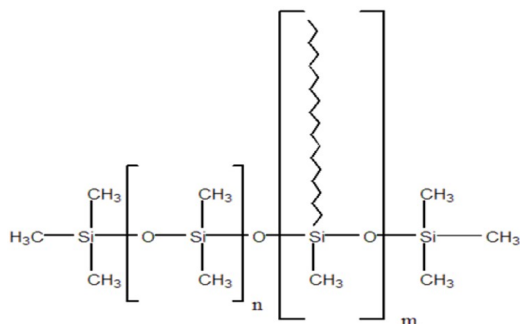
Key Applications

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

Application

CHT-BeauSil™ WAX 012 is a ideal ingredient 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. CHT-BeauSil™ WAX 012 can be used in leave-in products for hair care to improve softness and combing. CHT-BeauSil™ WAX 012 provides a silky skin feeling with an intense after feel and is ideal for all kind of men care products due of the easy distribution and intense after feel.

Structure of a silicone wax



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums. Contact our sales department for more information.

Revision Date 16 Jan 2024
Revision No 9
Download Date 26 Apr 2024

Property

Product

Appearance

INCI Name

MIT Free

Melting point (°C)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test
Method

Value

Colourless to pale yellowish liquid

Lauryl dimethicone

Yes

>20

Approx. 100

Yes

Brookfield 60 - 140 cP

Addition Rates

Dosage - 1

0.5 – 5.0% as emollient

Dosage - 2

1.0 – 10.0% as wetting agent for pigments

Dosage - 3

1.0 – 5.0% as additive in sun screen

Solubility

Solubility - Almond oil

Soluble

Solubility - Cetyl Dimethicone

Soluble

Solubility - Dimethicone 350cst

Miscible

Solubility - Ethanol

Insoluble

Solubility -

Soluble

Ethylhexylcarbonate

Insoluble

Solubility - Glycerine

Soluble

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Miscible

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Insoluble

Solubility - Water

Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

24 mths

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