

## 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

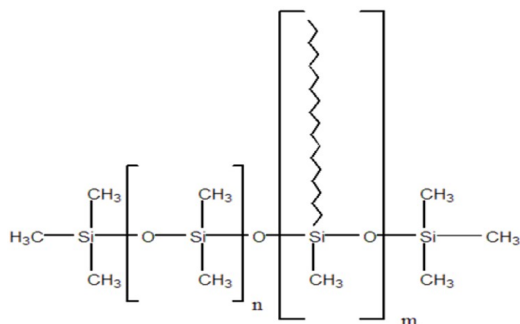
### Key Applications

- 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.

### Packagin

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021  
Revision No 8  
Download Date 13 Aug 2022

### 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 - Ethylhexylcarbonate Soluble  
Solubility - Glycerine Insoluble  
Solubility - IPM Soluble  
Solubility - Isododecane Soluble  
Solubility - Paraffin Oil Soluble  
Solubility - Polysorbate-20 Miscible  
Solubility - Propylenglycol Insoluble  
Solubility - Water Insoluble

#### Storage

Max Storage Temperature 40 °C / 104 °F  
Min Storage Temperature 4 °C / 39 °F  
Shelf Life 24 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com