

## 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 siloxane 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

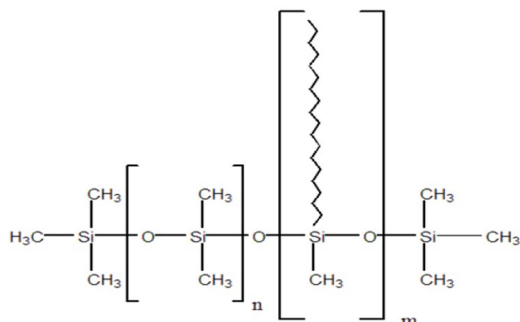
### Key Applications

- 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     12 Aug 2022

### 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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