

## CHT-BeauSil™ WAX 020 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

- Water repellency
- Emollient, Softness and Smoothness
- Reduces tackiness
- Improves Gloss and Skin feel

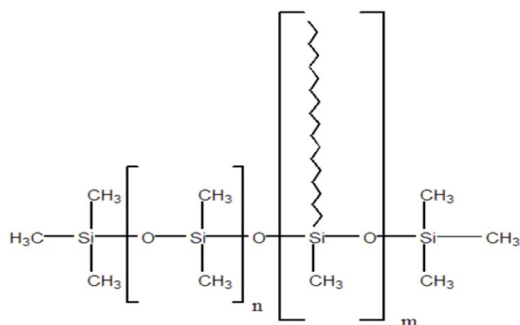
### Key Applications

- Hair Care
- Skin Care
- Color Cosmetic

### Application

CHT-BeauSil™ WAX 020 is a liquid silicone wax used in personal care applications like hair lotions, skin lotions and cosmetics.

### 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 28 Apr 2024

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Melting point (°C)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test  
Method

Value

Colourless to yellow liquid

Cetyl dimethicone

Non-ionic

Yes

Approx. 10

>85

Yes

Brookfield

200 – 400 cP

#### Addition Rates

Dosage - 1

0.3 - 5.0% as emulsifier

Dosage - 2

0.5 - 5.0% as conditioning agent

#### Solubility

Solubility - Almond oil

Miscible

Solubility - Cetyl Dimethicone

Soluble

Solubility - Dimethicone  
350cst

Miscible

Solubility - Ethanol

Insoluble

Solubility -  
Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Soluble

Solubility - Polysorbate-20

Miscible

Solubility - Propylenglycol

Miscible

Solubility - Water

Insoluble

#### Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

24 mths

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