

## 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

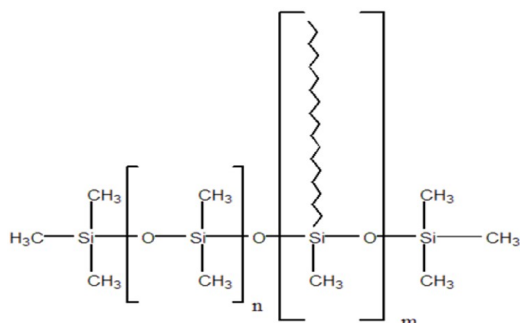
### Key Applications

- 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.

### Packagin

Drums. Contact our sales department for more information.

Revision Date 30 Nov 2021  
Revision No 3  
Download Date 25 Jun 2022

### 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  
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  
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

Miscible  
Soluble  
Miscible  
Insoluble  
Soluble  
Miscible  
Soluble  
Soluble  
Soluble  
Miscible  
Miscible  
Insoluble

#### Storage

Max Storage Temperature  
Min Storage Temperature  
Shelf Life

40 °C / 104 °F  
4 °C / 39 °F  
24 mths

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