

## CHT-BeauSil™ WAX 060 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 and Conditioning agent
- Gives texture / structure

### Key Applications

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

### Application

CHT-BeauSil™ WAX 060 improves the smoothness, detackification, lubricity gloss, emolliency and water repellency. It provides higher spreadability, non-sticky feel and moisturising benefits when it melts on contact with the skin. CHT-BeauSil™ WAX 060 improves the skin adhesion of decorative cosmetics and pigment dispersions. CHT-BeauSil™ WAX 060 avoids the syneresis in pigmented products (lipstick).

### 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     19 May 2024

### Property

#### Product

Appearance  
INCI Name  
Ionicity  
MIT Free  
Melting point (°C)  
Non-Volatile Content (%)  
Ultralow cyclic content

### Test Method Value

Colorless to slightly yellow wax  
C20-24 alkyl dimethicone  
Non-ionic  
Yes  
Approx. 40 – 42  
Approx. 100  
Yes

#### Addition Rates

Dosage - 1      0.5 – 5.0% in decorative and skin care preparations  
Dosage - 2      1.0 - 10.0% in lip care products  
Dosage - 3      0.5 - 3.0% in hair styling products

#### 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

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