

## CHT-BeauSil™ WAX 069 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
- Enhances spreading and solubilizing of natural lipids
- Gives texture / structure

### Key Applications

- Skin Care
- Color Cosmetic
- Sun Care

### Application

CHT-BeauSil™ WAX 069 improves the smoothness, detackification, lubricity gloss, emolliency and water repellency. It provides a higher spreadability, non-sticky feel and moisturising benefits when it melts on contact with the skin. CHT-BeauSil™ WAX 069 improves the skin adhesion of decorative cosmetics and pigment dispersions. CHT-BeauSil™ WAX 069 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 18 May 2024

### Property

#### Product

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

#### Addition Rates

Dosage - 1

Dosage - 2

#### 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

#### Storage

Max Storage Temperature  
Min Storage Temperature  
Shelf Life

### Test Method Value

Colorless to slightly yellow wax  
Stearyl dimethicone  
Non-ionic  
Yes  
Approx. 30 - 32  
Approx. 100  
Yes

0.5 – 5.0% in decorative and skin care preparations  
1.0 - 3.0% in sun care products

Soluble  
Soluble  
Miscible  
Insoluble  
Soluble  
Insoluble  
Soluble  
Soluble  
Miscible  
Insoluble  
Insoluble

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