

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 17 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

Dosage - 3

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
C20-24 alkyl dimethicone
Non-ionic
Yes
Approx. 40 – 42
Approx. 100
Yes

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

Soluble
Soluble
Miscible
Insoluble
Soluble
Insoluble
Soluble
Soluble
Miscible
Insoluble
Insoluble

40 °C / 104 °F
4 °C / 39 °F
24 mths

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