

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

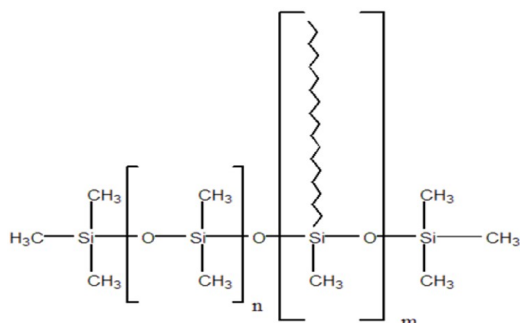
Key Applications

- 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 03 Jul 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
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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