

CHT-BeauSil™ GUM 8503 Silicone Gum Blend as ingredient for Personal Care.

Description

Dimethiconol fluids or emulsions are universal ingredients for many Personal Care formulations. The Dimethiconol polymers are used as conditioning ingredients mainly in hair serums, conditioners, shampoos, hair and skin treatments however also in many skin care and color cosmetic formulations.

Key Features

- Soft and smooth feel
- Hair conditioning
- Easy combing
- Long-lasting, resistant to wash-off

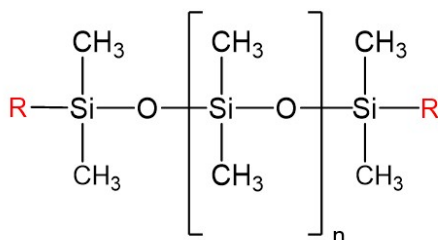
Key Applications

- Hair Serum
- Hair Oils
- Conditioner
- Skin Care

Application

CHT-BeauSil™ GUM 8503 is an ultra high viscous Silicone Gum dissolved in Dimethicone for formulating hair and skin care products.

Structure of a Dimethiconol



Health & Safety

Safety Data Sheets on request available.

Packaging

Drums and bulk containers. Please contact our sales department for more information.

Revision Date 02 Dec 2021
Revision No 3
Download Date 17 May 2024

Property

Product

Appearance
Dimethiconol content (%)
INCI Name
Ionicity
MIT Free
Viscosity

Test Method

Value

Clear viscous fluid
13
Dimethicone (and)
Dimethiconol
Non-ionic
Yes
Brookfield 4,000 cP

Addition Rates

Dosage - 1 0.5 - 5.0% in Conditioner
Dosage - 2 0.5 - 5.0% in Skin Care
Dosage - 3 5.0 - 80.0% in Hair Serums,
Oils and Treatments

Solubility

Solubility - Almond oil Insoluble
Solubility - Cetyl Dimethicone Insoluble
Solubility - Dimethicone 350cst Soluble
Solubility - Ethanol Insoluble
Solubility - Ethylhexylcarbonate Soluble
Solubility - Glycerine Insoluble
Solubility - IPM Soluble
Solubility - Isododecane Soluble
Solubility - Paraffin Oil Insoluble
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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