

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

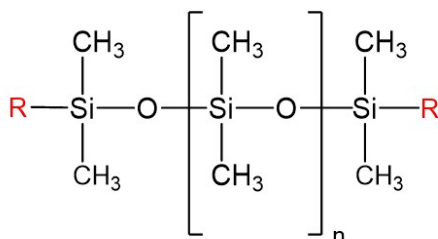
Key Applications

- Hair Serum
- Hair Oils
- Conditioner
- Skin Care

Application

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 12 May 2021
 Revision No 2
 Download Date 29 Nov 2021

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
 Dosage - 2
 Dosage - 3

0.5 - 5.0% in Conditioner
0.5 - 5.0% in Skin Care
5.0 - 80.0% in Hair Serums, Oils and Treatments

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

Insoluble
Insoluble
Soluble
Insoluble
Soluble
Insoluble
Soluble
Soluble
Insoluble
Miscible
Insoluble
Insoluble

Storage

Max Storage Temperature
 Min Storage Temperature
 Shelf Life

40 °C / 104 °F
4 °C / 39 °F
24 mths

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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