

## 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

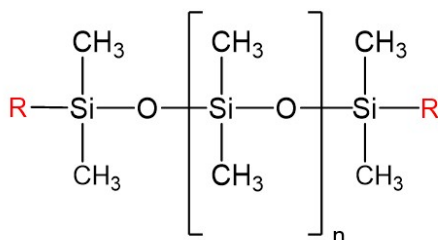
### Key Applications

- 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 25 Apr 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

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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