

## 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

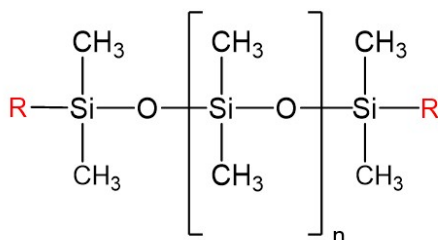
### Key Applications

- 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     14 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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