

## 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

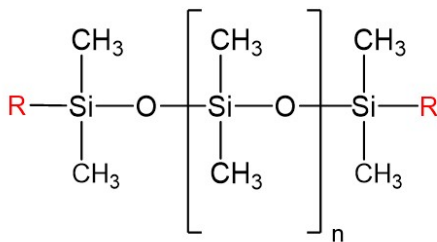
### Key Applications

- 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 Nov 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**