

## CHT-BeauSil™ GUM 8501 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

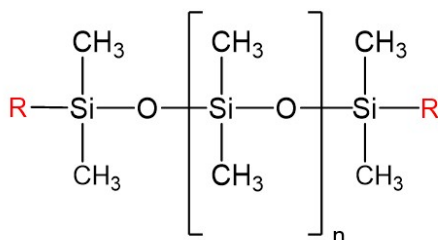
### Key Applications

- Hair Serums
- Hair Oils
- Conditioner
- Skin Care

### Application

CHT-BeauSil™ GUM 8501 is a ultra high viscous Silicone Gum dissolved in a special carrier 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 09 May 2024

### Property

#### Product

Appearance  
Dimethiconol content (%)

INCI Name

Ionicity  
MIT Free  
Viscosity (cst)

#### Addition Rates

Dosage - 1  
Dosage - 2  
Dosage - 3

#### 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

#### Storage

Max Storage Temperature  
Min Storage Temperature  
Shelf Life

### Test Method Value

Clear fluid  
15  
C13-15 Alkane (and)  
Isododecane (and)  
Dimethiconol (and) Caprylyl  
Methicone  
Non-ionic  
Yes  
1.000  
  
0.5 - 5.0% in Conditioner  
0.5 - 5.0% in Skin Care  
5.0 - 80.0% in Hair Serums,  
Oils and Treatments

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

40 °C / 104 °F  
4 °C / 39 °F  
24 mths

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