

## BeauSil™ GUM 8548 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

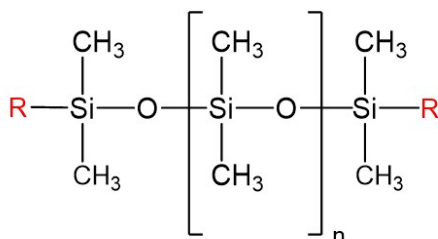
### Key Applications

- Hair Serum
- Hair Oils
- Conditioner
- Skin Care

### Application

BeauSil GUM 8548 is an ultra high viscous Silicone Gum dissolved in D5 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**  
**15**  
**Cyclopentasiloxane (and) Dimethiconol**  
**Non-ionic**  
**Yes**  
 Brookfield **5,000 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**  
**Miscible**  
**Insoluble**  
**Insoluble**  
**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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