TECHNICAL DATA SHEET

BeauSil™ GUM 8501
Silicone Gum Blend as ingredient for Personal Care.

Description

Dimethiconol fluids or emulsions are univeral 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

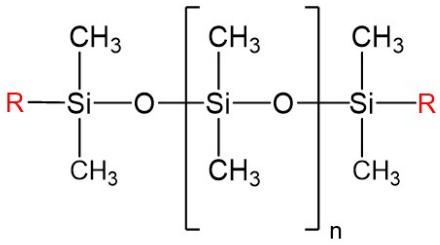
Key Applications

- Hair Serums
- Hair Oils
- Conditioner
- Skin Care

Application

BeauSil GUM 8501 is a ultra high viscous Silicone Gum disolved in a special carrier for formulating hair and skin care products.

Structure of a Dimethiconol



Health & Safety

Safety Data Sheets on request available.

Packagin

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	Test Method	Value
Product		
Appearance		**Clear fluid**
Dimethiconol content (%)		**15**
INCI Name		**C13-15 Alkane (and) Isododecane (and) Dimethiconol (and) Caprylyl Methicone**
Ionicity		**Non-ionic**
MIT Free		**Yes**
Viscosity (cst)		**1.000**
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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