

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

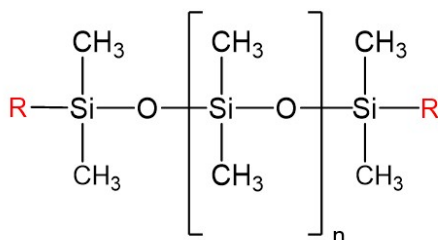
Key Applications

- 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 13 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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