

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

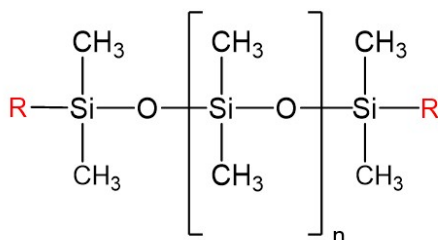
Key Applications

- 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 28 Apr 2024

Property

Product

Appearance

Dimethiconol content (%)

INCI Name

Ionicity

MIT Free

Viscosity

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 viscous fluid

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Dimethicone (and)
Dimethiconol

Non-ionic

Yes

Brookfield 4,000 cP

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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