

CHT-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

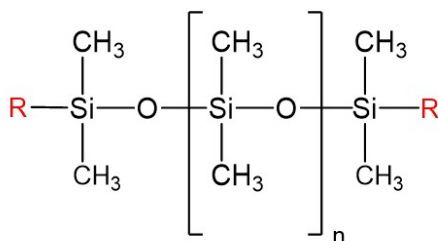
Key Applications

- Hair Serum
- Hair Oils
- Conditioner
- Skin Care

Application

CHT-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 02 Dec 2021

Revision No 3

Download Date 13 Aug 2022

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

15

Cyclopentasiloxane (and)
Dimethiconol

Non-ionic

Yes

Brookfield 5,000 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

Miscible

Insoluble

Insoluble

Soluble

Insoluble

Miscible

Insoluble

Insoluble

40 °C / 104 °F

4 °C / 39 °F

24 mths

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. 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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com