

## CHT-BeauSil™ FLUID 8103 EM

Emulsion of 60.000 cst dimethicone with naturally derived surfactants for Personal Care.

### Description

Dimethicone emulsions are one of the most universal ingredients in Personal Care. Easy use and good performance are the key of these products.

### Key Features

- Naturally derived surfactants
- Softens hair and improves shine
- Wash off resistant
- Extra Mild

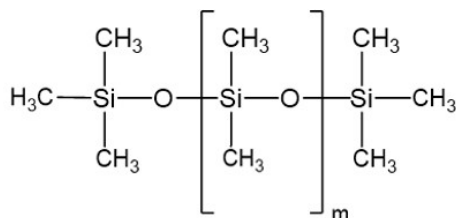
### Key Applications

- Skin Care
- Sun Care
- Hair care

### Application

CHT-BeauSil™ FLUID 8103 EM is a 60% active non-ionic emulsion of 60,000 cSt polydimethylsiloxane. It contains naturally derived surfactants and mild preservatives. Perfect for formulating mild yet effective skin and hair care products. CHT-BeauSil™ FLUID 8103 EM is designed to be used in a variety of personal care applications where mild surfactants and preservatives are required while maintaining the efficacy and performance of dimethicone.

### Structure of Dimethicone



### Use and Cure Information

Stir before use.

### Health & Safety

Safety Data Sheets on request available.

### Packaging

Drums and bulk containers. Please contact our sales department for more information.

### Property

#### Product

Appearance

Base Fluid Viscosity (cst)

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

pH

#### Addition Rates

Dosage - 1

Dosage - 2

#### 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

White Emulsion

60.000

Dimethicone (and) Decyl  
Glucoside (and) Coco  
Glucoside

Non-ionic

Yes

Approx. 60

Yes

Approx. 5

0.5 - 5.0% in Hair Care

1.0 - 5.0% in Skin Care

Insoluble

Insoluble

Insoluble

Insoluble

Insoluble

Miscible

Insoluble

Insoluble

Insoluble

Miscible

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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