

# TECHNICAL DATA SHEET

## BeauSil™ FLUID 8101 EM Nonionic Silicone Emulsion for Personal Care

### Description

This product is a personal care nonionic emulsion.

### Key Features

- Naturally derive surfactants
- Extra mild
- Long lasting shine
- Softens hair and improves Shine

### Key Applications

- Skin Care
- Hair Care
- Sun Care

### Application

BeauSil FLUID 8101 EM is a 60% active non-ionic emulsion of 350 cSt polydimethylsiloxane. It contains naturally derived surfactants and mild preservatives. Perfect for formulating mild yet effective skin and hair care products. BeauSil FLUID 8101 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.

### Use and Cure Information

This product should be dispersed into the final formulation slowly with continuous mixing or stirring. Recommended use levels for this emulsion is 1% to 10% in the final formulation.

### Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

### Limitations

This product is not intended for pharmaceutical use.

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Revision No        6  
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### Property

#### Product

Appearance

Base Fluid Viscosity (cst)

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

pH

#### Storage

Max Storage Temperature

Min Storage Temperature

Packaging

Shelf Life

### Test Method

### Value

**White Emulsion**

**350**

**Dimethicone (and)  
Decyl Glucoside (and)  
Lauryl Glucoside**

**Non-ionic**

**Yes**

**Approx. 60**

**Approx. 5**

**40 °C / 104 °F**

**4 °C / 39 °F**

**40 lb. pails, 441 lb.  
drums, and 2205 lb.  
totes**

**12 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.

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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.

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