

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

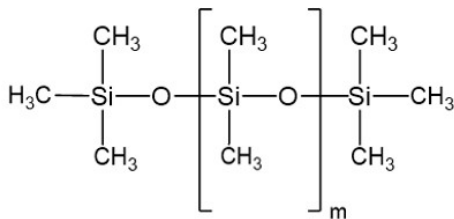
Key Applications

- Skin Care
- Sun Care
- Hair care

Application

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. 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



Health & Safety

Safety Data Sheets on request available.

Packagin

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

Revision Date 12 May 2021
Revision No 2
Download Date 29 Nov 2021

Property	Test Method	Value
Product		White Emulsion
Appearance		60.000
Base Fluid Viscosity (cst)		Dimethicone (and) Decyl Glucoside (and) Coco Glucoside
INCI Name		Non-ionic
Ionicity		Yes
MIT Free		Approx. 60
Non-Volatile Content (%)		Yes
Ultralow cyclic content		Approx. 5
pH		
Addition Rates		
Dosage - 1		0.5 - 5.0% in Hair Care
Dosage - 2		1.0 - 5.0% in Skin Care
Solubility		
Solubility - Almond oil		Insoluble
Solubility - Cetyl Dimethicone		Insoluble
Solubility - Dimethicone 350cst		Insoluble
Solubility - Ethanol		Insoluble
Solubility - Ethylhexylcarbonate		Insoluble
Solubility - Glycerine		Miscible
Solubility - IPM		Insoluble
Solubility - Isododecane		Insoluble
Solubility - Paraffin Oil		Insoluble
Solubility - Polysorbate-20		Miscible
Solubility - Propylenglycol		Soluble
Solubility - Water		Soluble
Storage		
Max Storage Temperature		40 °C / 104 °F
Min Storage Temperature		4 °C / 39 °F
Shelf Life		12 mths

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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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