

CHT-BeauSil™ FLUID 8121 EM Nonionic ultra-high viscosity silicone emulsion

Description

This product is a personal care nonionic polydimethylsiloxane emulsion.

Key Features

- Small particle size of an extremely high viscosity polymer
- Compatible with nonionic, cationic, and anionic surfactant systems
- Imparts rich feel to skin care formulations
- Wash off resistant and film forming

Key Applications

- Skin creams
- Shower gel
- Facial cleansers
- Shampoo and conditioner

Application

CHT-BeauSil™ FLUID 8121 EM is a unique nonionic emulsion of ultra-high viscosity silicone polymer. CHT-BeauSil™ FLUID 8121 EM has low cyclic content.

Use and Cure Information

To optimize the dispersion of this emulsion into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40 °C (104 °F) with continuous mixing or stirring.

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.

Property

Product

Appearance
Chemistry
Color

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Pharma Grade

Solids Content (%)

Ultralow cyclic content

pH

Addition Rates

Dosage - 1

Dosage - 2

Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test
Method Value

White emulsion

Nonionic

White

Divinyldimethicone/Dimethicone
Copolymer (and) C12-13 Pareth-
23 (and) C12-13 Pareth-3

Non-ionic

Yes

Approx. 60

No

60 %

Yes

Approx. 5

0.5 - 5.0% in Hair Care

1.0 - 5.0% in Skin Care

40 °C / 104 °F

4 °C / 39 °F

12 mths

Revision Date 07 Feb 2024

Revision No 7

Download Date 17 May 2024

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