

CHT-BeauSil™ FLUID 8120 EM High Molecular Weight Silicone Emulsion as an ingredient for Personal Care

Description

This product is a personal care nonionic emulsion.

Key Features

- Film forming
- Moisturizing
- Softness
- Conditioning

Key Applications

- Shower Gels
- Shampoos
- Wet Wipes
- Skin Care

Application

CHT-BeauSil™ FLUID 8120 EM is an emulsion based on a unique silicone polymer to provide film forming property for protection and conditioning of the skin and hair.

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.

Revision Date 07 Oct 2022
Revision No 7
Download Date 29 Apr 2024

Property

Product

Appearance

INCI Name

INCI Name Formerly

Ionicity

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

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

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

Non-ionic

Approx. 60

Yes

Approx. 5

0.5 - 5.0% in Hair Care

1.0 - 5.0% in Skin Care

Miscible

Insoluble

Miscible

Insoluble

Insoluble

Miscible

Insoluble

Insoluble

Insoluble

Miscible

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

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.

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