

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 19 May 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

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