

## 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     08 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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