

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 Nov 2024

Property	Test Method	Value
Product		
Appearance		White emulsion
INCI Name		Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Alketh-23 (and) C12-13 Alketh-3
INCI Name Formerly		Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Pareth-23 (and) C12-13 Pareth-3
Ionicity		Non-ionic
Non-Volatile Content (%)		Approx. 60
Ultralow cyclic content		Yes
pH		Approx. 5
Addition Rates		
Dosage - 1		0.5 - 5.0% in Hair Care
Dosage - 2		1.0 - 5.0% in Skin Care
Solubility		
Solubility - Almond oil		Miscible
Solubility - Cetyl Dimethicone		Insoluble
Solubility - Dimethicone 350cst		Miscible
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

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.

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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