TECHNICAL DATA SHEET

CHT
SMART CHEMISTRY
WITH CHARACTER.

CHT-BeauSil™ FLUID 8169 EM
Dimethicone emulsion as an ingredient for Personal Care

Description

Dimethicone emulsions are one of the most universal ingredients in Personal Care. Easy use and good performance are the key of these products.

Key Features
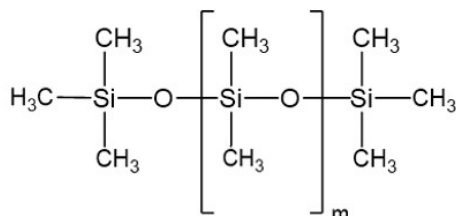
- Shine
- Color restoring
- Softness
- Conditioning

Key Applications

- Skin Care
- Hair Care
- Sun Care

Application

CHT-BeauSil™ FLUID 8169 EM is a Dimethicone emulsion for the univeral use in Personal Care. It can be used for various applications like Skin Care, Hair Care and Sun Care.

Structure of Dimethicone

Use and Cure Information

Stir before use.

Health & Safety

Safety Data Sheets on request available.

Packaging

Drums and bulk containers. Please contact our sales department for more information.

Revision Date	02 Dec 2021
Revision No	3
Download Date	17 May 2024

Property	Test Method	Value
Product		
Appearance		**White emulsion**
INCI Name		**Dimethicone (and) Laureth-4 (and) Laureth-23**
Ionicity		**Non-ionic**
Non-Volatile Content (%)		**Approx. 55**
Ultralow cyclic content		**Yes**
pH		**Approx. 3**
Addition Rates		
Dosage - 1		**0.5 - 5.0% in Hair Care**
Dosage - 2		**1.0 - 5.0% in Skin Care**
Solubility		
Solubility - Almond oil		**Insoluble**
Solubility - Cetyl Dimethicone		**Insoluble**
Solubility - Dimethicone 350cst		**Insoluble**
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**