TECHNICAL DATA SHEET

CHT-BeauSil™ AMO 8950 EM
Cationic emulsion of amodimethicone for Personal Care.

Description

Amodimethicones are functionalized silicones with nitrogen groups. These modification improves the deposite and the affinity to the hair. Amodimethicones are showing excellent combing and a good gloss on hair. These silicone polymers are ideal for all kind of hair care application were best performance is needed.

Key Features

- Improves dry and wet combing
- Color and heat protection
- Softness
- Conditioning

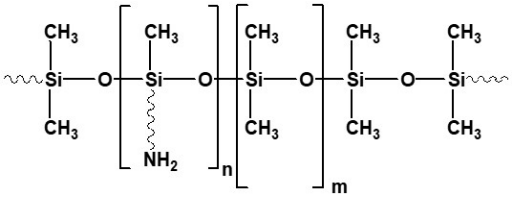
Key Applications

- Conditioner
- Shampoo
- Hair Treatment

Application

CHT-BeauSil™ AMO 8950 EM is a 50% solids cationic emulsion of an amine-functional silicone polymer. The amodimethicone actives are delivered in an opaque, low viscosity liquid with a neutral pH. This emulsion was developed as a conditioning additive for hair care products such as shampoos, conditioners, styling aids, and hair colorants. This product has an industry leading particle size resulting in increased stability and performance.

Structur of Amodimethicone



Health & Safety

Safety Data Sheets on request available.

Packaging

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

Revision Date	08 Dec 2021
Revision No	3
Download Date	03 Jul 2024

Property	Test Method	Value
Product		
Appearance		**White emulsion**
INCI Name		**Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride**
Ionicity		**Cationic**
MIT Free		**Yes**
Non-Volatile Content (%)		**Approx. 50**
Ultralow cyclic content		**No**
Addition Rates		
Dosage - 1		**0.5-5.0% in Shampoos**
Dosage - 2		**1.0 - 5.0% in Conditioners**
Dosage - 3		**0.1 - 0.3% in Leave-On products**
Solubility		
Solubility - Almond oil		**Insoluble**
Solubility - Cetyl Dimethicone		**Insoluble**
Solubility - Dimethicone 350cst		**Insoluble**
Solubility - Ethanol		**Insoluble**
Solubility - Ethylhexylcarbonate		**Insoluble**
Solubility - Glycerine		**Insoluble**
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**

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