TECHNICAL DATA SHEET

CHT · SMART CHEMISTRY WITH CHARACTER.

CHT-BeauSil™ AMO 815 EM
Microemulsion of a modified siloxane as an ingredient 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
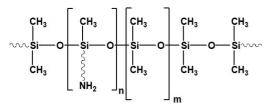- Suitable for transparent formulations

Key Applications
- Shampoo
- Hair Treatment
- Leave-On products water based

Application

CHT-BeauSil™ AMO 815 EM is an ideal conditioning agent for transparent formulation e.g. Shampoos. The strong conditioning character of the Amodimethicone polymer makes it ideal for colored and damaged hair. Beside Shampoo it can be used also in conditioner, leave-on products and treatments.

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	4
Download Date	23 Apr 2024

Property	Test Method	Value
Product		
Appearance		**Colorless to yellowish liquid**
INCI Name		**Amodimethicone (and) Laureth-9**
Ionicity		**Cationic**
MIT Free		**Yes**
Non-Volatile Content (%)		**30**
Ultralow cyclic content		**Yes**
pH		**4.5 – 6.0**
Addition Rates		
Dosage - 1		**0.5 – 4.0% in shampoos**
Dosage - 2		**0.8 - 5.0% in conditioner**
Dosage - 3		**0.1 - 1.5% in leave-on**
Solubility		
Solubility - Almond oil		**Insoluble**
Solubility - Cetyl Dimethicone		**Insoluble**
Solubility - Dimethicone 350cst		**Insoluble**
Solubility - Ethanol		**Soluble**
Solubility - Ethylhexylcarbonate		**Insoluble**
Solubility - Glycerine		**Soluble**
Solubility - IPM		**Insoluble**
Solubility - Isododecane		**Insoluble**
Solubility - Paraffin Oil		**Insoluble**
Solubility - Polysorbate-20		**Insoluble**
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**