

## 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 deposit 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 where best performance is needed.

### Key Features

- Improves dry and wet combing
- Color and heat protection
- Softness
- Suitable for transparent formulations

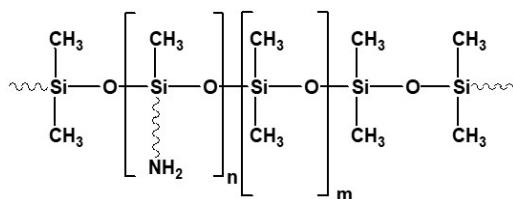
### Key Applications

- 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.

### Structure 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 22 Mar 2023

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

pH

#### Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

#### 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

Colorless to yellowish liquid

Amodimethicone (and) Laureth-9

Cationic

Yes

30

Yes

4.5 – 6.0

0.5 – 4.0% in shampoos

0.8 - 5.0% in conditioner

0.1 - 1.5% in leave-on

Insoluble

Insoluble

Insoluble

Soluble

Insoluble

Soluble

Insoluble

Insoluble

Insoluble

Insoluble

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

12 mths

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