TECHNICAL DATA SHEET



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

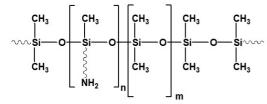
Key Applications

- 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 28 Apr 2024

Property Test Value Method

Product

Appearance

Colorless to yellowish

Appearance liquid

INCI Name Amodimethicone (and)
Laureth-9

Ionicity

MIT Free

Yes

Non-Volatile Content (%)

Ultralow cyclic content

Yes

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

4.5 - 6.0

Solubility

Solubility - Almond oil
Solubility - Cetyl Dimethicone
Solubility - Dimethicone
350cst
Solubility - Ethanol
Solubility Ethylhexylcarbonate
Insoluble
Insoluble
Insoluble

Ethylhexylcarbonate

Solubility - Glycerine

Solubility - IPM

Solubility - Isododecane

Solubility - Paraffin Oil

Solubility - Polysorbate-20

Solubility - Propylenglycol

Solubility - Water

Insoluble

Soluble

Soluble

Soluble

Storage

 $\begin{array}{lll} \mbox{Max Storage Temperature} & \mbox{40 °C / 104 °F} \\ \mbox{Min Storage Temperature} & \mbox{4 °C / 39 °F} \\ \mbox{Shelf Life} & \mbox{12 mths} \\ \end{array}$