

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

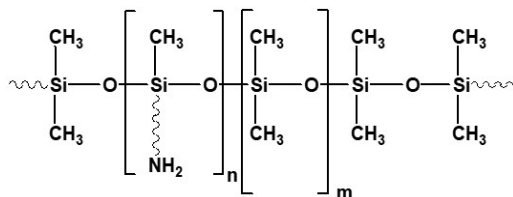
Key Applications

- 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 18 May 2024

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

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com