

CHT-BEAUSIL™ AMO 8971 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

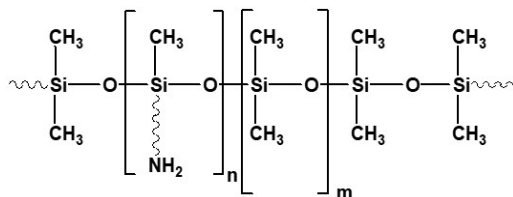
Key Applications

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

Application

CHT-BeauSil™ AMO 8971 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 07 Feb 2024
Revision No 3
Download Date 18 May 2024

Property

Product

Appearance

INCI Name

INCI Name Formerly

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) C11-15
Alketh-7 (and) Trideceth-12
(and) Laureth-9 (and) Glycerin
C11-15 Pareth-7

Cationic

Yes

35

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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