

## CHT-BeauSil™ AMO 804 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 combing behaviour
- Smoothness
- Improves Gloss
- Heat and Color protection

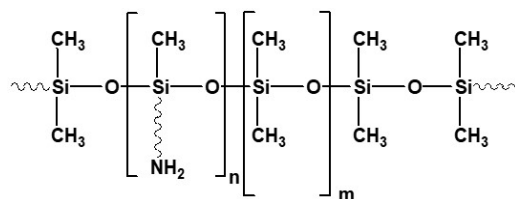
### Key Applications

- Hair Care
- Treatments
- Conditioner
- Rinse-off products

### Application

CHT-BeauSil™ AMO 804 is a fluid of an amino siloxane used in hair care applications. By the high viscosity of CHT-BeauSil™ AMO 804 it gives a very soft and nice feeling to the hair. It gives repairing properties as well as heat and color protection.

### 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 3  
Download Date 30 Apr 2024

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Nitrogen Content (%)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test  
Method

Value

Colourless to yellow liquid

Amodimethicone

Cationic

Yes

Approx. 0.4

Approx. 100

No

Brookfield

1,000-6,000 cP

#### Addition Rates

Dosage - 1

0.3 - 3.0% in rinse-off products

Dosage - 2

0.1 - 2.0% in leave-on products

Dosage - 3

0.5 - 5.0% in treatments

#### Solubility

Solubility - Almond oil

Insoluble

Solubility - Cetyl Dimethicone

Insoluble

Solubility - Dimethicone 350cst

Soluble

Solubility - Ethanol

Insoluble

Solubility - Ethylhexylcarbonate

Soluble

Solubility - Glycerine

Miscible

Solubility - IPM

Soluble

Solubility - Isododecane

Soluble

Solubility - Paraffin Oil

Miscible

Solubility - Polysorbate-20

Insoluble

Solubility - Propylenglycol

Miscible

Solubility - Water

Insoluble

#### Storage

Max Storage Temperature

40 °C / 104 °F

Min Storage Temperature

4 °C / 39 °F

Shelf Life

12 mths

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