

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

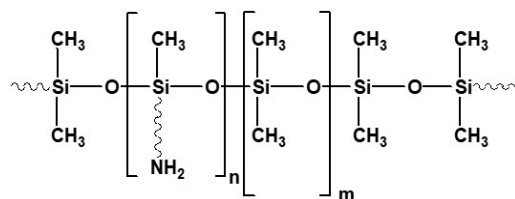
### Key Applications

- 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 22 Mar 2023

### Property

#### Product

Appearance

INCI Name

Ionicity

MIT Free

Nitrogen Content (%)

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

### Test Method

Brookfield

### Value

Colourless to yellow liquid

Amodimethicone

Cationic

Yes

Approx. 0.4

Approx. 100

No

1,000-6,000 cP

### Addition Rates

Dosage - 1

Dosage - 2

Dosage - 3

0.3 - 3.0% in rinse-off products

0.1 - 2.0% in leave-on products

0.5 - 5.0% in treatments

### 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

Insoluble

Insoluble

Soluble

Insoluble

Soluble

Miscible

Soluble

Soluble

Miscible

Insoluble

Miscible

Insoluble

### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

40 °C / 104 °F

4 °C / 39 °F

12 mths

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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