

## 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

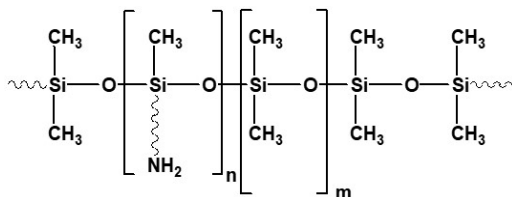
### Key Applications

- 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 17 May 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  
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  
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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