

## 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

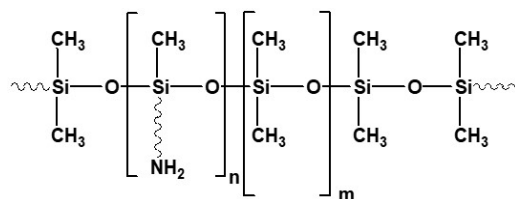
### Key Applications

- 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 15 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

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