

## CHT-BeauSil™ AMO 808 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, Gloss
- Repairing properties
- Heat and Color protection

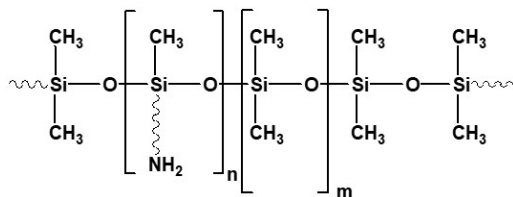
### Key Applications

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

### Application

CHT-BeauSil™ AMO 808 is a fluid of an amino siloxane used in hair care applications. By the high viscosity of CHT-BeauSil™ AMO 808 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 09 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. 0.8  
Approx. 100  
No  
Brookfield <15,000 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 Miscible  
Solubility - Ethylhexylcarbonate Soluble  
Solubility - Glycerine Miscible  
Solubility - IPM Soluble  
Solubility - Isododecane Soluble  
Solubility - Paraffin Oil Insoluble  
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 24 mths

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