

## CHT-BeauSil™ AMO 918 EM

### Microemulsion of a sugar modified siloxane as an ingredient for Personal Care.

#### Description

Sugar modified silicones are the “sweet” silicone solution for hair. This unique chemistry of sugar modified Amodimethicone that has all the benefits of typical Amodimethicones without weighting the hair down. Using such sugar modified silicone creates natural softness, best dry and wet combing and improving of shine.

#### Key Features

- Improves combing behaviour
- Conditioner, Smoothness, Gloss
- Volume and heat protection
- Moisturised skin feel

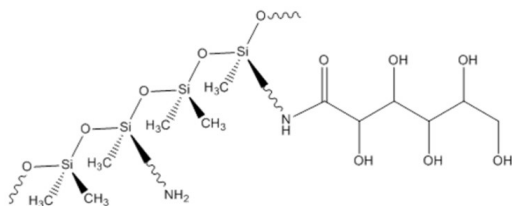
#### Key Applications

- Hair Care
- Transparent Shampoos
- Water based Treatments
- Body Wash

#### Application

CHT-BeauSil™ AMO 918 EM is a conditioning agent for hair care products such as shampoos, conditioners and styling products. It provides optimum, long lasting conditioning effects (gloss, shine, antistatic effects, wave enhancement, combing effect) in hair care treatments. In skin cleansing preparations CHT-BeauSil™ AMO 918 EM imparts emmoliency and provides a smooth, non-greasy, soft and moisturised skin feel to cleansed skin.

#### Structure of a sugar modified Amodimethicone



#### Use and Cure Information

Stir before use.

#### Health & Safety

Safety Data Sheet on request available.

#### Packaging

Drum and bulk containers. Please contact our sales department.

Revision Date 08 Dec 2021  
Revision No 3  
Download Date 17 May 2024

#### Property

##### Product

Appearance

INCI Name

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

pH

##### Addition Rates

Dosage - 1

Dosage - 2

##### 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

##### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

Test  
Method Value

Colourless to slightly yellow  
liquid

Gluconamido  
amodimethicone (and)  
Trideceth-7 (and) Trideceth-8

Cationic

Yes

Approx. 25

Yes

4.5 – 5.5

0.5 – 5.0% in shampoos and  
skin cleansing preparations

0.8 – 5.0% in hair treatments

Insoluble

Insoluble

Insoluble

Miscible

Insoluble

Soluble

Insoluble

Insoluble

Miscible

Insoluble

Soluble

Soluble

40 °C / 104 °F

4 °C / 39 °F

18 mths

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