

BeauSil™ AMO 918 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 Amodimethicone 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

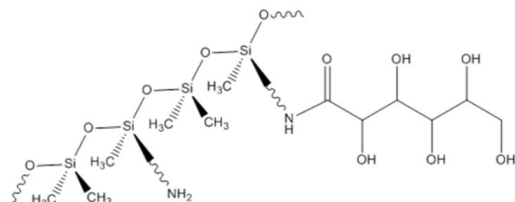
Key Applications

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

Application

BeauSil AMO 918 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 BeauSil AMO 918 imparts emolliency and provides a smooth, non-greasy, soft and moisturised skin feel to cleansed skin.

Structure of a sugar modified Amodimethicone



Health & Safety

Safety Data Sheet on request available.

Packagin

Drum and bulk containers. Please contact our sales department.

Revision Date 12 May 2021
Revision No 2
Download Date 04 Dec 2021

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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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