

CHT-BeauSil™ QUAT 202 Silicone quat blend for the use as ingredient for Car and Home Care products

Description

Cationic modified silicone polymer for the use as an ingredient in Personal Care. The cationic polymer has a high affinity to the hair and can work as well as a booster for other ingredients like PQ-10, Amodimethicone and other polymers.

Key Features

- Water soluble
- Improves combing
- Conditioning for Hair
- Light Feel

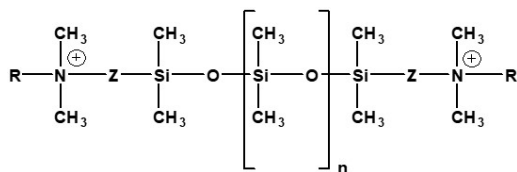
Key Applications

- Shampoo
- Conditioner (Rinse-Off)
- Hair Treatments (Leave-In)
- Showergels

Application

CHT-BeauSil™ QUAT 202 is an ideal ingredient for many types of hair care products like shampoos, conditioners, leave-on treatments or 2-in-1 shower gels. Beside providing the conditioning effect, CHT-BeauSil™ QUAT 202 is also ideal as booster for other cationic ingredients like amodimethicones, PQ-10, PQ-7 or the sugar modified silicones such as CHT-BeauSil™ AMO 918 EM.

Structure of a Silicone Quat



Health & Safety

Safety Data Sheets available on request

Packaging

Drum and bulk containers. Please contact our sales department for more information.

Revision Date 16 Aug 2023

Revision No 7

Download Date 09 May 2024

Property

Product

Appearance

Chemistry

INCI Name

Ionicity

Non-Volatile Content (%)

Ultralow cyclic content

Viscosity

Test
Method

Value

Colourless to yellowish fluid

Silicone quat
Quaternium-80 (and)
Propylenglycol
Cationic

Approx. 50

Yes

Brookfield 500 - 1.500 cP

Addition Rates

In Conditioners

0.5 to 2.0% %

In Leave on Products

0.1 to 1.0% %

In Shampoos

0.1 to 2.0% %

Solubility

Solubility - Almond oil

Yes

Solubility - Cetyl Dimethicone

No

Solubility - Dimethicone
350cst

No

Solubility - Ethanol

Yes

Solubility -

Ethylhexylcarbonate

Yes

Solubility - Glycerine

Yes

Solubility - IPM

Yes

Solubility - Isododecane

Yes

Solubility - Paraffin Oil

No

Solubility - Polysorbate-20

Yes

Solubility - Propylenglycol

Yes

Solubility - Water

Yes

Storage

Max Storage Temperature

40°C °C / 104 °F

Min Storage Temperature

+4°C °C / 39 °F

Shelf Life

12 mths

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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