

**INDUSTRY
SOLUTIONS.**

**Consumer
Care
Solutions.**

CHT

**SMART CHEMISTRY
WITH CHARACTER.**

HAIR CARE

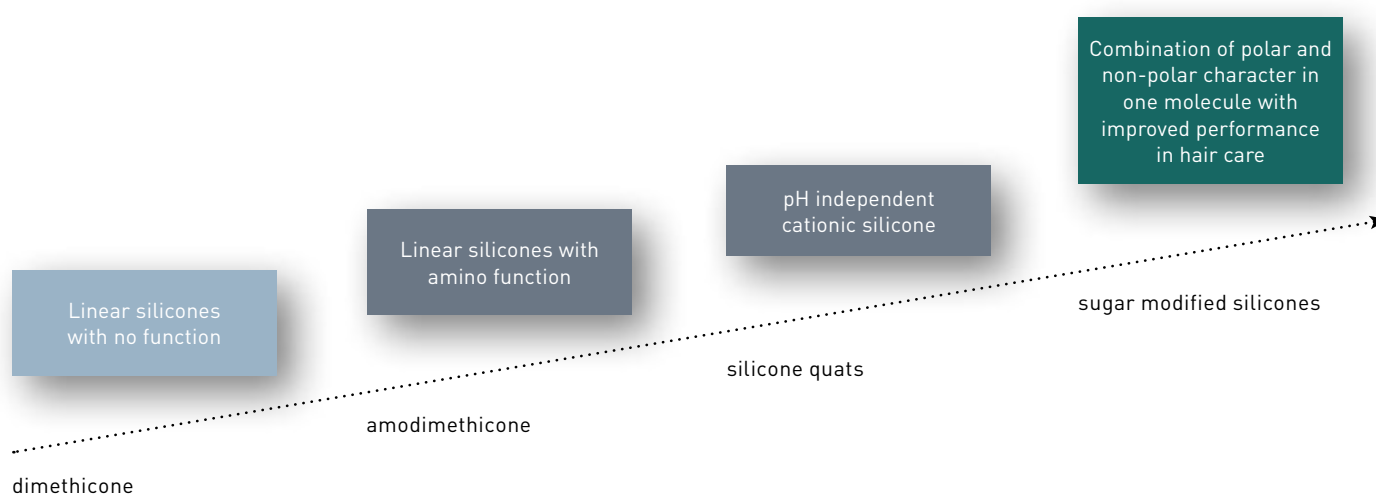
SILICONE SOLUTIONS



HAIR CARE

Silicone protects the hair from the elements, keeping it smooth and shiny. Dry and damaged hair feel like it is healthy by filling in the porosity and provides nourishing conditioning benefits. With an improved combability on wet and dry hair

as well as anti-static property with less build-up effect it is a good choice for hair shampoo, rinse-off conditioner as well as leave-in treatment.



Compared to classic dimethicone the silicone quats and sugar modified silicones by CHT give your hair the advantages as follow:

- ▶ No build up effect on hair
- ▶ Lighten hair feeling with no tacky / greasy hair feeling
- ▶ High affinity to the hair surface
- ▶ Anti-static effect on hair
- ▶ Boost other ingredients in a formulation
- ▶ Good conditioning effects
- ▶ More hair volume
- ▶ No negative impact on foam quantity, viscosity and formulation stability
- ▶ Suitable for clear / milky shampoo formulations
- ▶ Paraben and MIT/BIT free

CHT-BeauSil™ QUAT 211 EM | CHT-BeauSil™ QUAT 212 EM **Siliconequaternium-17 & Quaternium-80**

- ▶ Silicone quat emulsion, a light hair feeling for everyday hair care

CHT-BeauSil™ QUAT 255 **Quaternium-80**

- ▶ Silicone quat, high affinity to the hair surfaces and good repair function

CHT-BeauSil™ AMO 918 EM **Gluconamido aminodimethicone**

- ▶ Sugar modified silicone emulsion, reduces the built-up effect and improves the dry combing



heavier
strong bond
durable

EMULSION
water soluble

light
less bond
washable

CHT-BeauSil™ AMO 815 EM
CHT-BeauSil™ AMO 8950 EM

CHT-BeauSil™ AMO 918 EM

CHT-BeauSil™ QUAT 211 EM
CHT-BeauSil™ QUAT 212 EM

heavier
strong bond
durable

FLUID
oil soluble

light
less bond
washable

CHT-BeauSil™ AMO 804
CHT-BeauSil™ AMO 902

CHT-BeauSil™ GUM 8548
CHT-BeauSil™ GUM 8501
CHT-BeauSil™ GUM 8503

CHT-BeauSil™ PEG 205
CHT-BeauSil™ QUAT 255
CHT-BeauSil™ FLUID 8301

	Dimethicone/ol	Amodimethicone	Sugar mod. Amino	Si-Quat	Si-PEG
Benefits	non-ionic	lasting effect	volume	every day shampoo	light
Build-up effect	●●●	●●	●	●	●
Conditioning effect	●●	●●●	●●	●●	●
For damage hair	●	●●●	●●	●●	●
Shine	●●	●●	●●●	●●	●
Hair substrate affinity	●	●●	●●●	●●●	●
Technology	●	●●	●●●	●●●	●

● good ●● better ●●● best

Product overview

CHT-BeauSil™	INCI			
		Shampoo	Rinse-off conditioner	Leave-on treatment
Cationic silicones				
QUAT 255	Quaternium-80		●	
QUAT 211 EM	Siliconequaternium-17 (and) PEG-7 Glyceryl Cocoate (and) Caprylyl Glucoside (and) Lauryl Glucoside	●	●	
QUAT 212 EM	Quaternium-80 (and) PEG-7 Glyceryl Cocoate (and) Caprylyl Glucoside (and) Lauryl Glucoside	●	●	
AMO 804	Amodimethicone		●	●
AMO 815 EM	Amodimethicone (and) Laureth-9	●	●	
AMO 902	Gluconamidopropyl Aminopropyl Dimethicone		●	●
AMO 918 EM	Gluconamido aminodimethicone (and) Trideceth-7 (and) Trideceth-8	●	●	
AMO 8950 EM	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chlorid	●	●	
Silicone gums				
GUM 8503	Dimethicone (and) Dimethiconol		●	●
GUM 8501	C13-15 alkane (and) Isododecane (and) Caprylyl methicone (and) Dimethiconol		●	●
GUM 8548	Cyclopentasiloxane (and) Dimethiconol			●
GUM 8547	Dimethicone (and) Dimethiconol		●	●
Non-Ionic silicones				
FLUID 8169 EM	Dimethicone (and) Laureth-4 (and) Laureth-23	●	●	
FLUID 8120 EM	Divinyldimethicone/Dimethicone Copolymer (and) C12-13 Alketh-23 (and) C12-13 Alketh-3	●	●	●
FLUID 8301	C13-15 alkane (and) Isododecane (and) Caprylyl methicone		●	●
FLUID 8178 EM	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	●	●	●
Silicone glycols / Copolymer				
WAX 055	Cetyl PEG/PPG-10/1- Dimethicone		●	●
PEG 205	PEG-12 Dimethicone	●	●	●
PEG 076	PEG-18 Dimethicone		●	