

**INDUSTRY
SOLUTIONS.**

**Consumer
Care
Solutions.**

CHT

**SMART CHEMISTRY
WITH CHARACTER.**



chemical-concepts.com

800.220.1966

410 Pike Road • Huntingdon Valley, PA 19006

HIGH PERFORMANCE FOR PERSONAL CARE

SILICONE SPECIALTIES FOR CONSUMER CARE SOLUTIONS

ELEVADO RENDIMIENTO PARA EL CUIDADO PERSONAL

**ESPECIALIDADES DE SILICONA PARA
CONSUMER CARE SOLUTIONS**

CONTENTS

YOUR PERSONAL CARE EXPERTS	3
HAIR CARE	4
SKIN CARE	8
COLOR COSMETICS	12
SUSTAINABILITY	16
INCI INDEX	18
CONTACT	19

CONTENIDO

3	SUS EXPERTOS EN EL CUIDADO PERSONAL
4	CUIDADO DEL CABELLO
8	CUIDADO DE LA PIEL
12	MAQUILLAJE
16	SOSTENIBILIDAD
18	ÍNDICE INCI
19	CONTACTO

NO.
IMPERSONAL SERVICE.

YES.
YOUR PERSONAL EXPERTS.

Alexander Selig
Global Head of
Application Technology
Consumer Care

Michelle Armstrong
Global Head of
Commercial Consumer Care



CHT offers you an international team of highly skilled experts in the field of specialty silicones for personal care products. We are the first choice when it comes to expertise, performance, product range, and sustainability. But what really sets us apart is our responsibility, and our dedication to every single customer. We cater to large enterprises as well as small niche producers with the same diligence. Our experts will personally take on every challenge when it comes to finding the solution that is best for you.

La CHT ofrece un equipo internacional de profesionales altamente calificados en el campo de las siliconas especiales para productos para el cuidado personal. Somos la primera opción en términos de experiencia, rendimiento, gama de productos y sostenibilidad. Pero lo que realmente nos distingue es nuestra responsabilidad y dedicación a todos nuestros clientes. Atendemos tanto a grandes empresas como a pequeños productores de nicho con el mismo esmero. Nuestros expertos se encargarán personalmente de cada desafío cuando se trate de encontrar la mejor solución para usted.

HAIR CARE

CUIDADO DEL CABELLO

Silicones are a key ingredient in hair care products due to their wide range of positive effects. Silicones ensure easy combing, an attractive silky shine, create softness, and offer protection against heat, the environment, and frizz. They can be added to shampoos, rinse-off conditioners, as well as leave-in products.

Las siliconas son un componente clave de los productos para el cuidado del cabello para lograr una amplia variedad de efectos positivos. Las siliconas facilitan el peinado y garantizan un atractivo brillo sedoso, suavidad y protección contra el calor, el medio ambiente y el frizz. Se pueden añadir a champús, acondicionadores con enjuague y productos sin enjuague.

SI-QUATS AND SUGAR-MODIFIED AMODIMETHICONES

Si-quats, cationic modified silicones, improve wet and dry combing without leaving the hair feeling heavy. Si-quats are the best choice for all products aiming to strengthen the hair without weighing it down. Also, Si-quats can be used as a booster for other ingredients like PQ-10 or cationic modified polymers, transporting them more efficiently to the hair's surface.

Sugar-modified amodimethicones are the modern touch for conditioners, shampoos, and leave-on products. They offer unique technology with many benefits, such as:

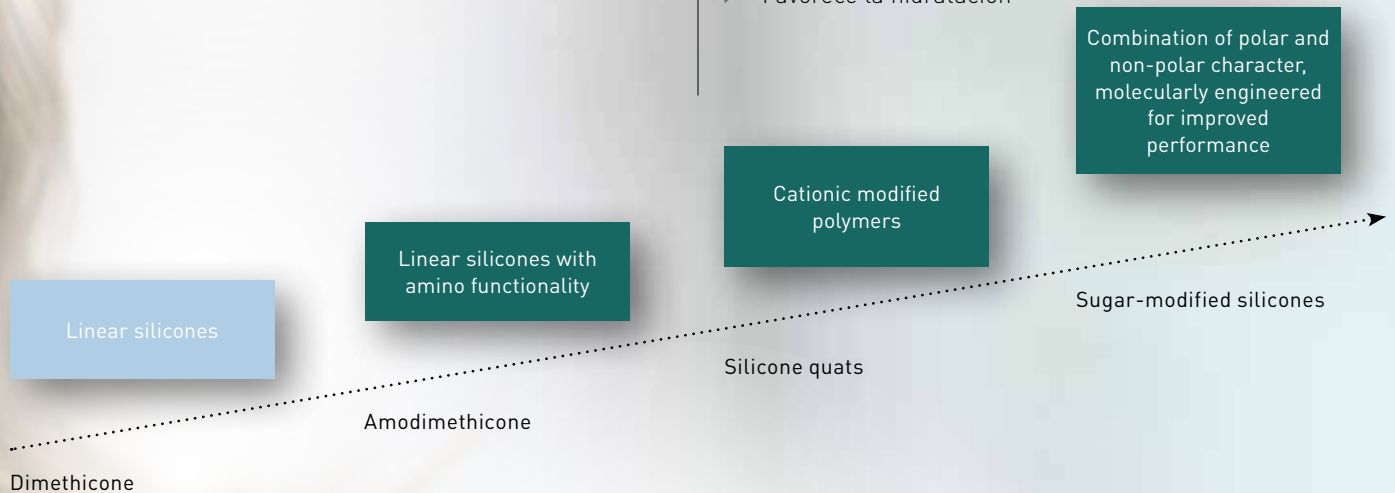
- ▶ Attractive silky shine
- ▶ Smooth and soft feeling
- ▶ Significant reduction of dry and wet comb force
- ▶ Heat protection
- ▶ Less buildup
- ▶ Supports moisturization

SI-QUATS Y AMODIMETICONAS MODIFICADAS CON AZÚCAR

Los Si-quats, siliconas catiónicas modificadas, mejoran el peinado en húmedo y en seco sin dejar el cabello pesado. Los Si-quats son la mejor opción para todos los productos que buscan fortalecer el cabello sin dejarlo pesado. Además, los Si-quats se pueden utilizar como activadores de otros ingredientes como el PQ-10 o los polímeros catiónicos modificados, transportándolos de forma más eficiente a la superficie del cabello.

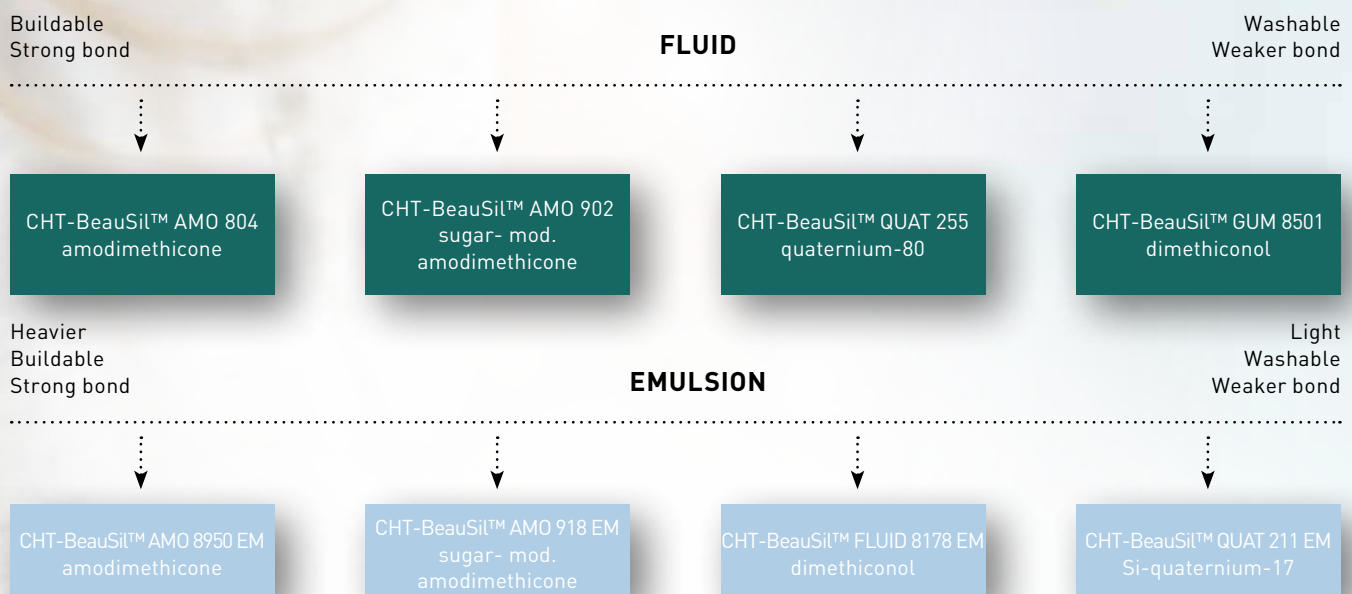
Las amodimeticonas modificadas con azúcar aportan un toque moderno para acondicionadores, champús y productos sin enjuague. Esta tecnología única en su género destaca por muchas ventajas.

- ▶ Atractivo brillo sedoso
- ▶ Sensación de suavidad
- ▶ Reducción significativa de la fuerza necesaria de peinado en seco y en húmedo
- ▶ Protección contra el calor
- ▶ Menos acumulación de residuos
- ▶ Favorece la hidratación



Si-quat technology and the new generation of sugar-modified amodimethicones.

La tecnología de Si-quat y la nueva generación de amodimeticonas modificadas con azúcar.



HAIR CARE | CUIDADO DEL CABELLO

Product	INCI	Application			
		Shampoo	Conditioner	Treatments	Styling
Amodimethicone					
CHT-BeauSil™ AMO 804	Amodimethicone		✖	✖	
CHT-BeauSil™ AMO 815 EM	Amodimethicone (and) laureth-9	✖		✖	
CHT-BeauSil™ AMO 8928 EM	Propoxytetramethyl piperidinyl dimethicone (and) trideceth-6 (and) C11-15 alketh 7		✖	✖	
CHT-BeauSil™ AMO 8950 EM	Amodimethicone (and) trideceth-12 (and) cetrimonium chloride	✖	✖		
Silicone quat					
CHT-BeauSil™ QUAT 202	Quaternium-80 (and) propylene glycol	✖	✖	✖	✖
CHT-BeauSil™ QUAT 211 EM	Silicone quaternium-17 (and) PEG-7 glyceryl cocoate (and) caprylyl/capryl glucoside (and) lauryl glucoside	✖	✖	✖	
CHT-BeauSil™ QUAT 212 EM	Quaternium-80 (and) PEG-7 glyceryl cocoate (and) caprylyl/capryl glucoside (and) lauryl glucoside	✖	✖	✖	
CHT-BeauSil™ QUAT 255	Quaternium-80	✖	✖	✖	✖
Sugar modified silicone					
CHT-BeauSil™ AMO 902	Gluconamidopropyl aminopropyl dimethicone		✖	✖	
CHT-BeauSil™ AMO 918 EM	Gluconamido amodimethicone (and) trideceth-7 (and) trideceth-8	✖		✖	
Silicone gum					
CHT-BeauSil™ GUM 8501	C13-15 alkane (and) isododecane (and) caprylyl methicone (and) dimethiconol		✖	✖	✖
CHT-BeauSil™ GUM 8503	Dimethicone (and) dimethiconol			✖	✖
CHT-BeauSil™ GUM 8547	Dimethicone (and) dimethiconol		✖	✖	
CHT-BeauSil™ GUM 8548	Cyclopentasiloxane (and) dimethiconol			✖	
CHT-BeauSil™ FLUID 8178 EM	Dimethiconol (and) TEA-dodecylbenzenesulfonate	✖	✖	✖	✖
Dimethicone emulsion					
CHT-BeauSil™ FLUID 8101 EM	Dimethicone (and) decyl glucoside (and) lauryl glucoside	✖			
CHT-BeauSil™ FLUID 8103 EM	Dimethicone (and) decyl glucoside (and) coco glucoside	✖			
CHT-BeauSil™ FLUID 8120 EM	Divinyldimethicone/dimethicone copolymer (and) C12-13 alketh-23 (and) C12-13 alketh-3	✖	✖		✖
CHT-BeauSil™ FLUID 8169 EM	Dimethicone (and) laureth-4 (and) laureth-23	✖	✖		✖
Silicone surfactant & emulsifier					
CHT-BeauSil™ PEG 023	PEG-10 dimethicone		✖		✖
CHT-BeauSil™ PEG 076	PEG-8 dimethicone		✖	✖	✖
CHT-BeauSil™ PEG 205	PEG-12 dimethicone	✖	✖	✖	✖
CHT-BeauSil™ WAX 055	Cetyl PEG/PPG-10/1 dimethicone		✖		✖
Volatile silicone					
CHT-BeauSil™ FLUID 8301	C13-15 alkane (and) isododecane (and) caprylyl methicone		✖	✖	✖

✖ recommended

YOUR EXPERT TIP: OUR NEW SUGAR-MODIFIED SILICONES COMBINE BOTH POLAR AND NON-POLAR CHARACTERISTICS FOR EXCEPTIONAL PERFORMANCE.

SU RECOMENDACIÓN DE EXPERTO: NUESTRAS NUEVAS SILICONAS MODIFICADAS CON AZÚCAR COMBINAN CARACTERÍSTICAS POLARES Y NO POLARES PARA UN RENDIMIENTO EXCEPCIONAL.

Benefits							
Dry combing	Wet combing	Smoothness	Shine	Repairing	Volume	Heat protection	Color protection
● ●	● ●	● ●	● ●	● ●		●	●
● ●	● ●	● ●	● ●	● ●		●	●
● ●	● ●	●	● ●			● ●	● ●
● ●	● ● ●	● ● ●	● ●	● ● ●		● ●	● ●
● ●	●	● ● ●	●	●	● ● ●	●	
● ●	● ●	● ●	●	●	● ● ●	●	
● ●	● ●	● ●	●	●	● ● ●	●	
● ●	●	● ● ●	●	● ●	● ● ●	●	
● ● ●	● ●	● ● ●	● ● ●	●	●	●	●
● ● ●	●	● ● ●	●	●	●	●	●
● ●	●	●				● ●	
● ●	●	●				● ●	
● ●	●	●				● ●	
● ●	●					● ●	
● ●	● ●	● ●	● ● ●				
●	●	●					
●	●	●					
● ●	● ●	● ● ●	● ●	●		●	●
●	●	●					
	●						
●	●	●					
●	●				●		
●	●						
	●				●		

● Good

● ● Better

● ● ● Best

● Bueno

● ● Mejor

● ● ● Lo mejor

SKIN CARE

CUIDADO DE LA PIEL

Silicones have a lower surface tension than organic lipids. This property makes silicone-based additives ideal for enhancing the spreadability of skin care or color cosmetic formulations. CHT silicone waxes solve the ease of silicone solubility in the oil phase. CHT silicone waxes are alkyl-modified polydimethylsiloxanes. Their alkyl modification results in unique physical and chemical properties as well as outstanding performance in combination with organic lipids.

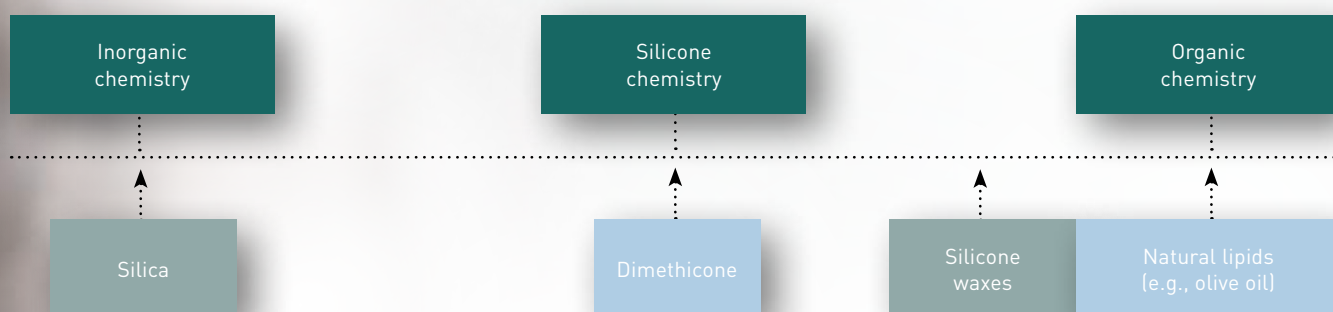
Las siliconas tienen una tensión superficial más baja que los lípidos orgánicos. Gracias a esta propiedad, los aditivos a base de silicona son ideales para mejorar el poder de esparcimiento de las formulaciones para el cuidado de la piel o para formulaciones de maquillaje. Las ceras de silicona de la CHT mejoran la solubilidad de la silicona en la fase oleosa. Las ceras de silicona de la CHT son polidimetil siloxanos modificados con grupos alquilo. Su modificación alquílica genera propiedades físicas y químicas únicas, así como un rendimiento excepcional en combinación con lípidos orgánicos.

ALKYL MODIFICATION

Classic dimethicones are not compatible with natural lipids. Alkyl modification improves the compatibility of silicone polymers with natural lipids like olive oil, enabling both components to form a stable solution.

MODIFICACIÓN ALQUÍLICA

Las dimeticonas clásicas no son compatibles con los lípidos naturales. La modificación alquílica mejora la compatibilidad de los polímeros de silicona con lípidos naturales como el aceite de oliva, permitiendo que ambos componentes formen una solución estable.

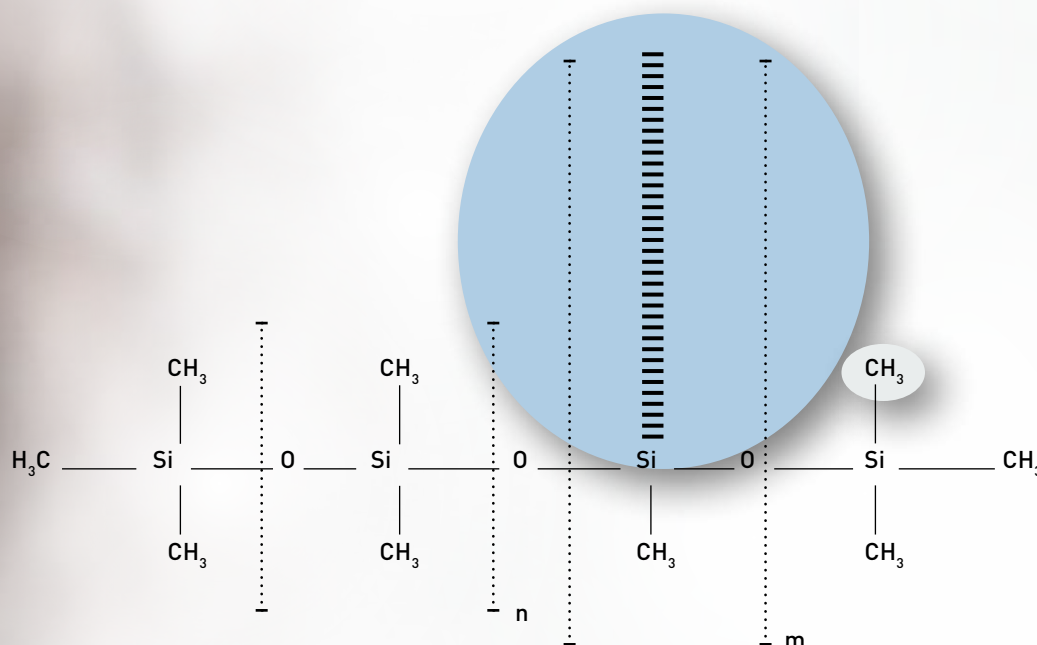


CETYL DIMETHICONE

Cetyl modification improves the solubility of polymers with organic substances such as natural lipids. The cetyl group is more effective than the smaller methyl group of standard dimethicones.

CETIL DIMETICONA

La modificación cetílica mejora la solubilidad de los polímeros con sustancias orgánicas como los lípidos naturales. El grupo cetilo es más eficaz que el grupo metilo más pequeño de las dimeticonas estándar.



Cetyl dimethicone: silicone polymer modified with C16-alkyl chains

Cetil dimeticona: polímero de silicona modificado con cadenas alquílicas C16

Additionally, in emulsions with a high content of liquid lipids, solid silicone waxes can increase the viscosity of oil droplets, enhancing the overall stability of the emulsion.

Además, en emulsiones con un alto contenido de lípidos líquidos, las ceras de silicona sólidas pueden aumentar la viscosidad de las gotas de aceite, mejorando la estabilidad total de la emulsión.

SKIN CARE | CUIDADO DE LA PIEL

Product	INCI	Application			
		Skin care	Cleansing	Sun care	Shaving
Silicone surfactant & emulsifier					
CHT-BeauSil™ PEG 010	PEG/PPG-15/5 dimethicone	✕	✕		✕
CHT-BeauSil™ PEG 023	PEG-10 dimethicone	✕		✕	
CHT-BeauSil™ PEG 076	PEG-8 dimethicone	✕	✕	✕	
CHT-BeauSil™ PEG 205	PEG-12 dimethicone	✕	✕		✕
CHT-BeauSil™ WAX 055	Cetyl PEG/PPG-10/1 dimethicone	✕		✕	
Silicone wax					
CHT-BeauSil™ WAX 012	Lauryl dimethicone	✕			✕
CHT-BeauSil™ WAX 020	Cetyl dimethicone	✕			
CHT-BeauSil™ WAX 040	Caprylyl methicone	✕	✕	✕	✕
CHT-BeauSil™ WAX 060	C20-24 alkyl dimethicone	✕		✕	
CHT-BeauSil™ WAX 069	Stearyl dimethicone	✕		✕	
CHT-BeauSil™ WAX 070	Cetyl dimethicone	✕		✕	
Crosspolymer/gel					
CHT-BeauSil™ GEL 8003	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8005	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8014	Dimethicone (and) dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8017	C13-15 alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone	✕		✕	
CHT-BeauSil™ GEL 8020	Cyclopentasiloxane (and) dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8039	Cyclopentasiloxane (and) dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8046	C13-15 Alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone	✕		✕	
CHT-BeauSil™ GEL 8055	Dimethicone (and) dimethicone/vinyl dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8064	Cyclopentasiloxane (and) petrolatum (and) dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8085	Cyclopentasiloxane (and) polysilicone-11	✕		✕	
CHT-BeauSil™ GEL 8094	Isododecane (and) dimethicone/vinyl dimethicone crosspolymer	✕		✕	
CHT-BeauSil™ GEL 8187 EM	Dimethicone (and) polysilicone-11 (and) decyl glucoside (and) butylene glycol	✕	✕	✕	
Bead & dimethicone					
CHT-BeauSil™ BEAD 8105 EM	Dimethicone/vinyl dimethicone crosspolymer (and) C12-14 alketh 12	✕		✕	
CHT-BeauSil™ FLUID 8101 EM	Dimethicone (and) decyl glucoside (and) lauryl glucoside	✕		✕	
CHT-BeauSil™ FLUID 8103 EM	Dimethicone (and) decyl glucoside (and) coco glucoside	✕		✕	
CHT-BeauSil™ FLUID 8120 EM	Divinyldimethicone/dimethicone copolymer (and) C12-13 alketh-23 (and) C12-13 alketh-3	✕	✕	✕	✕
CHT-BeauSil™ FLUID 8199 EM	Dimethicone (and) ceteth-10 (and) laureth-4	✕			
Volatile silicone					
CHT-BeauSil™ FLUID 8301	C13-15 alkane (and) isododecane (and) caprylyl methicone	✕	✕	✕	✕

✕ recommended

YOUR EXPERT TIP: IF YOU ARE LOOKING FOR ECO-FRIENDLY SKIN CARE ADDITIVES, OUR TEAM WILL GLADLY RECOMMEND SUITABLE OPTIONS.

SU RECOMENDACIÓN DE EXPERTO: SI ESTÁ BUSCANDO ADITIVOS PARA EL CUIDADO DE LA PIEL RESPETUOSOS CON EL MEDIO AMBIENTE, NUESTRO EQUIPO ESTARÁ A SU DISPOSICIÓN PARA CUALQUIER RECOMENDACIÓN ESPECÍFICA.

● Good ● Bueno
● ● Better ● ● Mejor
● ● ● Best ● ● ● Lo mejor

COLOR COSMETICS

MAQUILLAJE

Silicone elastomer gels are an important raw material for modern high-end cosmetic products such as primers, BB creams, lip-gloss, pencils, foundations and especially skin creams.

Los geles de elastómero de silicona son una materia prima importante para los productos cosméticos modernos de alta calidad, tales como pre-maquillaje, BB creams, brillos labiales, delineadores de ojos y labios, bases de líquidas y especialmente cremas para la piel.

ADDING CROSSPOLYMERS TO A FORMULATION CAN:

- ▶ Give a cream or lotion a richer look
- ▶ Increase viscosity in the oil phase
- ▶ Improve emulsion stability
- ▶ Provide a pleasant silky feeling
- ▶ Reduce tackiness
- ▶ Provide breathability in films
- ▶ Reduce gloss on the skin into a silky matte shine
- ▶ Reduce the skin's moisture loss
- ▶ Increase water repellency
- ▶ Prolong wash-off resistance
- ▶ Boost the SPF level
- ▶ Act as a primer for makeup
- ▶ Provide a soft focus or blurring effect

SKIN FEEL

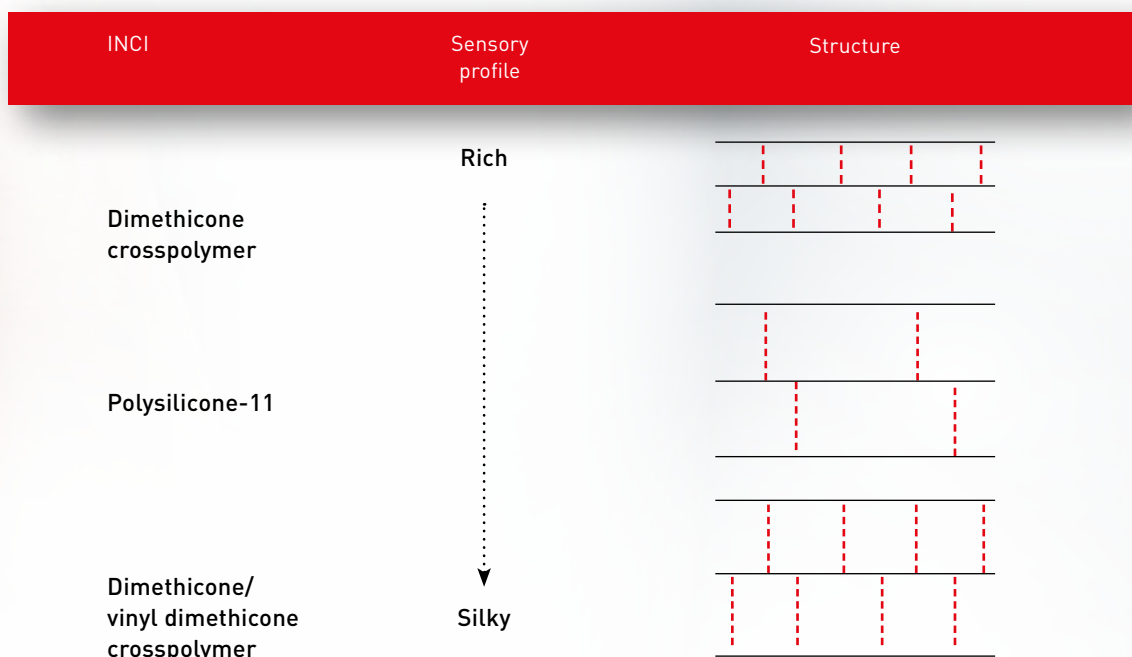
Three generations of crosspolymers, available in various solvents, allow the creation of just the right skin feel.

LA ADICIÓN DE CROSSPOLÍMEROS A UNA FORMULACIÓN PUEDE:

- ▶ Producir una crema o loción enriquecida
- ▶ Aumentar la viscosidad en la fase oleosa
- ▶ Mejorar la estabilidad de la emulsión
- ▶ Conferir una sensación sedosa y agradable
- ▶ Reducir la adhesividad
- ▶ Producir películas transpirables
- ▶ Reducir el brillo de la piel dando un matiz sedoso y mate
- ▶ Reducir la pérdida de humedad de la piel
- ▶ Aumentar la repelencia al agua
- ▶ Proporcionar una resistencia al lavado más duradera
- ▶ Aumentar el nivel de SPF
- ▶ Actuar como base de maquillaje
- ▶ Proveer un acabado más uniforme

SENSACIÓN EN LA PIEL

Tres generaciones de crosspolímeros, disponibles en varios solventes, permiten crear una perfecta sensación en la piel.



CHOOSING THE RIGHT SOLVENT IS IMPORTANT

The solvent of a crosspolymer determines its ultimate use and the sensory profile of the final formulation. While CHT offers tailored solvents, there are four standard options:

- ▶ Cyclopentasiloxane
- ▶ Isododecane
- ▶ Dimethicone
- ▶ C13-15 alkane, isododecane, and caprylyl methicone

ES IMPORTANTE SELECCIONAR EL SOLVENTE ADECUADO

El solvente de un crosspolímero determina su uso final y el perfil sensorial de la formulación final. La CHT ofrece solventes hechos a medida, existiendo cuatro opciones estándar:

- ▶ Ciclopentasiloxano
- ▶ Isododecano
- ▶ Dimeticona
- ▶ C13-15 alcano, isododecano y caprilil meticona

COLOR COSMETICS | MAQUILLAJE

Product	INCI	Application		
		Powder	Emulsion	Anhydrous formula
Silicone surfactant & emulsifier				
CHT-BeauSil™ PEG 023	PEG-10 dimethicone		✖	
CHT-BeauSil™ PEG 076	PEG-8 dimethicone		✖	
CHT-BeauSil™ WAX 055	Cetyl PEG/PPG-10/1 dimethicone		✖	✖
Silicone wax				
CHT-BeauSil™ WAX 012	Lauryl dimethicone	✖	✖	✖
CHT-BeauSil™ WAX 020	Cetyl dimethicone		✖	✖
CHT-BeauSil™ WAX 040	Caprylyl methicone	✖	✖	✖
CHT-BeauSil™ WAX 060	C20-24 alkyl dimethicone	✖	✖	✖
CHT-BeauSil™ WAX 069	Stearyl dimethicone	✖	✖	✖
CHT-BeauSil™ WAX 070	Cetyl dimethicone	✖	✖	✖
Crosspolymer/gel				
CHT-BeauSil™ GEL 8003	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8005	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8014	Dimethicone (and) dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8017	C13-15 alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone	✖	✖	✖
CHT-BeauSil™ GEL 8020	Cyclopentasiloxane (and) dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8039	Cyclopentasiloxane (and) dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8046	C13-15 Alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone	✖	✖	✖
CHT-BeauSil™ GEL 8055	Dimethicone (and) dimethicone/vinyl dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8064	Cyclopentasiloxane (and) petrolatum (and) dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8085	Cyclopentasiloxane (and) polysilicone-11	✖	✖	✖
CHT-BeauSil™ GEL 8094	Isododecane (and) dimethicone/vinyl dimethicone crosspolymer	✖	✖	✖
CHT-BeauSil™ GEL 8187 EM	Dimethicone (and) polysilicone-11 (and) decyl glucoside (and) butylene glycol		✖	
Bead				
CHT-BeauSil™ BEAD 8105 EM	Dimethicone/vinyl dimethicone crosspolymer (and) C12-14 alketh 12	✖	✖	
Volatile silicone				
CHT-BeauSil™ FLUID 8301	C13-15 alkane (and) isododecane (and) caprylyl methicone	✖	✖	✖

✕ recommended

YOUR EXPERT TIP: TO IMPROVE STORABILITY IN LIPSTICKS CONTAINING NATURAL LIPIDS, ADD A SMALL AMOUNT OF DIMETHICONE-BASED WAX TO YOUR FORMULATION.

LA RECOMENDACIÓN DEL EXPERTO: PARA AUMENTAR LA VIDA ÚTIL DE LOS LABIALES QUE CONTIENEN LÍPIDOS NATURALES, AÑADIR A SU FORMULACIÓN UNA PEQUEÑA CANTIDAD DE CERA A BASE DE DIMETICONA.

Benefits						
Emulsification	Dispersing/ solubilizing	Softness/ smoothness	Less tackiness	Texture/structure	Water repellency	Spreading
● ● ●	● ● ●	●	●	● ●		●
● ● ●	● ● ●	●	●	●		●
● ● ●	● ● ●	● ●	●	● ●		●
	● ●	●	● ●			● ●
	●	● ●	●		●	
	● ●	●	● ● ●			● ● ●
		● ● ●	●	● ● ●	● ● ●	
	●	●	● ●	● ●	● ● ●	●
	● ● ●	●	● ●			● ●
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
		● ● ●	● ● ●	● ●	●	
	●	● ● ●	● ● ●	●	●	
		● ● ●	●	● ●	●	
	● ●	●	● ● ●			● ● ●
● Good ● ● Better ● ● ● Best						● Bueno ● ● Mejor ● ● ● Lo mejor

SUSTAINABLE SOLUTIONS

SOLUCIONES SOSTENIBLES

Sustainability is an important part of the CHT Group's commitment and promise to always deliver Smart Chemistry with Character. As in all business fields, our silicone experts work hard on finding sustainable solutions.

La sostenibilidad forma parte del empeño y el compromiso del grupo CHT de siempre brindar «Smart Chemistry with Character». Al igual que en todas las áreas de negocio, nuestros expertos en siliconas trabajan duro para encontrar soluciones sostenibles.

SILICONE: THE SWEET SUSTAINABLE SOLUTION FOR PERSONAL CARE

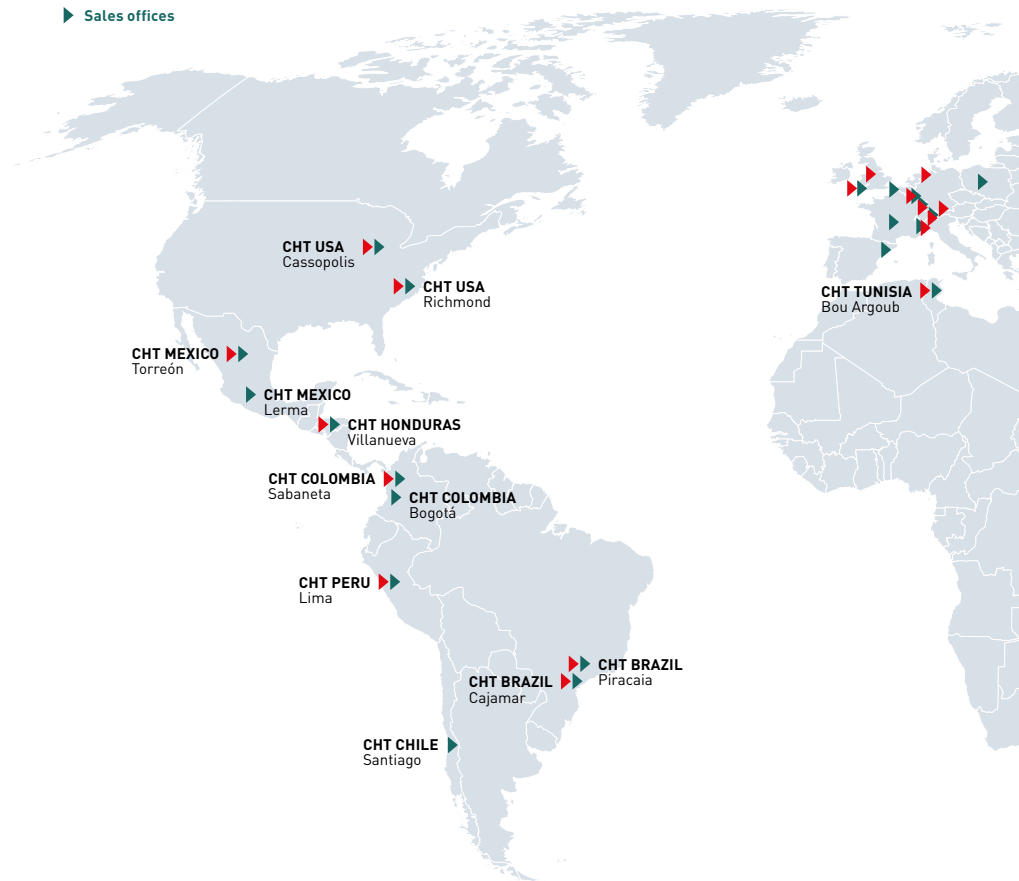
The sweet silicone product line by CHT is based on sugar modification technology. The sugar compounds are sourced from natural products like sugarcane. The sweet cyclopentasiloxane alternative CHT-BeauSil™ FLUID 8301 is an ideal raw material for many personal care formulations. It also provides the base for other products like CHT-BeauSil™ GUM 8501 or CHT-BeauSil™ GEL 8046. The cationic silicones CHT-BeauSil™ AMO 902 and CHT-BeauSil™ AMO 918 EM are products of a sugar and amodimethicone reaction that is patented by CHT. CHT-BeauSil™ QUAT 211 EM is a special microemulsion using sugar surfactants to create a unique product for unique performance. All products are free from cyclic silicones (below 0.1%), MIT/BIT, and BPA, and are already meeting tomorrow's sustainability expectations.

SILICONA: LA DULCE SOLUCIÓN SOSTENIBLE PARA EL CUIDADO PERSONAL

La línea dulce de productos de silicona de la CHT se basa en la tecnología de modificación de azúcar. Los compuestos de azúcar se basan en productos naturales como la caña de azúcar. La alternativa dulce al ciclopentasiloxano, el CHT-BeauSil™ FLUID 8301, es una materia prima ideal para muchas formulaciones del cuidado personal. También es la base para otros productos como el CHT-BeauSil™ GUM 8501 o el CHT-BeauSil™ GEL 8046. Las siliconas catiónicas CHT-BeauSil™ AMO 902 y CHT-BeauSil™ AMO 918 EM son productos de una reacción de azúcar y amodimeticona patentada por la CHT. El CHT-BeauSil™ QUAT 211 EM es una microemulsión especial que utiliza tensioactivos de azúcar para crear un producto único en su género para un rendimiento igualmente único. Todos los productos están libres de siliconas cíclicas (por debajo del 0,1%), MIT/BIT, BPA y ya cumplen con las expectativas sostenibles del mañana.

Product	INCI
CHT-BeauSil™ FLUID 8301	C13-15 alkane (and) isododecane (and) caprylyl methicone
CHT-BeauSil™ GUM 8501	C13-15 alkane (and) isododecane (and) dimethiconol (and) caprylyl methicone
CHT-BeauSil™ GEL 8046	C13-15 alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone
CHT-BeauSil™ AMO 902	Gluconamidopropyl amino propyl dimethicone
CHT-BeauSil™ AMO 918 EM	Gluconamido amodimethicone (and) trideceth-7 (and) trideceth-8
CHT-BeauSil™ QUAT 211 EM	Silicone quaternium-17 (and) PEG-7 glyceryl cocoate (and) caprylyl/capryl glucoside (and) lauryl glucoside

► Production sites
► Sales offices



Product	INCI
CHT-BeauSil™ AMO 804	Amodimethicone
CHT-BeauSil™ AMO 815 EM	Amodimethicone (and) laureth-9
CHT-BeauSil™ AMO 8928 EM	Propoxytetramethyl piperidinyl dimethicone (and) trideceth-6 (and) C11-15 alketh 7
CHT-BeauSil™ AMO 8950 EM	Amodimethicone (and) trideceth-12 (and) cetrimonium chloride
CHT-BeauSil™ AMO 902	Gluconamidopropyl aminopropyl dimethicone
CHT-BeauSil™ AMO 918 EM	Gluconamido amodimethicone (and) trideceth-7 (and) trideceth-8
CHT-BeauSil™ BEAD 8105 EM	Dimethicone/vinyl dimethicone crosspolymer (and) C12-14 alketh 12
CHT-BeauSil™ FLUID 8101 EM	Dimethicone (and) decyl glucoside (and) lauryl glucoside
CHT-BeauSil™ FLUID 8103 EM	Dimethicone (and) decyl glucoside (and) coco glucoside
CHT-BeauSil™ FLUID 8120 EM	Divinyldimethicone/dimethicone copolymer (and) C12-13 alketh-23 (and) C12-13 alketh-3
CHT-BeauSil™ FLUID 8169 EM	Dimethicone (and) laureth-4 (and) laureth-23
CHT-BeauSil™ FLUID 8178 EM	Dimethiconol (and) TEA-dodecylbenzenesulfonate
CHT-BeauSil™ FLUID 8199 EM	Dimethicone (and) ceteth-10 (and) laureth-4
CHT-BeauSil™ FLUID 8301	C13-15 alkane (and) isododecane (and) caprylyl methicone
CHT-BeauSil™ GEL 8003	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer
CHT-BeauSil™ GEL 8005	Cyclopentasiloxane (and) dimethicone/vinyl dimethicone crosspolymer
CHT-BeauSil™ GEL 8014	Dimethicone (and) dimethicone crosspolymer
CHT-BeauSil™ GEL 8017	C13-15 alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone
CHT-BeauSil™ GEL 8020	Cyclopentasiloxane (and) dimethicone crosspolymer
CHT-BeauSil™ GEL 8039	Cyclopentasiloxane (and) dimethicone crosspolymer
CHT-BeauSil™ GEL 8046	C13-15 alkane (and) isododecane (and) dimethicone/vinyl dimethicone crosspolymer (and) caprylyl methicone
CHT-BeauSil™ GEL 8055	Dimethicone (and) dimethicone/vinyl dimethicone crosspolymer

Product	INCI
CHT-BeauSil™ GEL 8064	Cyclopentasiloxane (and) petrolatum (and) dimethicone crosspolymer
CHT-BeauSil™ GEL 8085	Cyclopentasiloxane (and) polysilicone-11
CHT-BeauSil™ GEL 8094	Isododecane (and) dimethicone/vinyl dimethicone crosspolymer
CHT-BeauSil™ GEL 8187 EM	Dimethicone (and) polysilicone-11 (and) decyl glucoside (and) butylene glycol
CHT-BeauSil™ GUM 8501	C13-15 alkane (and) isododecane (and) caprylyl methicone (and) dimethiconol
CHT-BeauSil™ GUM 8503	Dimethicone (and) dimethiconol
CHT-BeauSil™ GUM 8547	Dimethicone (and) dimethiconol
CHT-BeauSil™ GUM 8548	Cyclopentasiloxane (and) dimethiconol
CHT-BeauSil™ PEG 010	PEG/PPG-15/5 dimethicone
CHT-BeauSil™ PEG 023	PEG-10 dimethicone
CHT-BeauSil™ PEG 076	PEG-8 dimethicone
CHT-BeauSil™ PEG 205	PEG-12 dimethicone
CHT-BeauSil™ QUAT 202	Quaternium-80 (and) propylene glycol
CHT-BeauSil™ QUAT 211 EM	Silicone quaternium-17 (and) PEG-7 glyceryl cocoate (and) caprylyl/capryl glucoside (and) lauryl glucoside
CHT-BeauSil™ QUAT 212 EM	Quaternium-80 (and) PEG-7 glyceryl cocoate (and) caprylyl/capryl glucoside (and) lauryl glucoside
CHT-BeauSil™ QUAT 255	Quaternium-80
CHT-BeauSil™ WAX 012	Lauryl dimethicone
CHT-BeauSil™ WAX 020	Cetyl dimethicone
CHT-BeauSil™ WAX 040	Caprylyl methicone
CHT-BeauSil™ WAX 055	Cetyl PEG/PPG-10/1 dimethicone
CHT-BeauSil™ WAX 060	C20-24 alkyl dimethicone
CHT-BeauSil™ WAX 069	Stearyl dimethicone
CHT-BeauSil™ WAX 070	Cetyl dimethicone



Contact us to assist you in finding the best solution. No job is too small and no task too complex for our experts.

Challenge us!

Contáctenos para ayudarle a encontrar la mejor solución. Ningún trabajo es demasiado pequeño y ninguna tarea es demasiado compleja para nuestros expertos.

Challenge us!

Contact | Contacto:
CHT Germany GmbH
Bismarckstr. 102
72072 Tübingen
Germany

+49 7071 154 0
info@cht.com
www.cht.com
www.cht-silicones.com

ACTIVATE YOUR SILICONE EXPERTS TODAY

DIRÍGETE A TUS EXPERTOS EN SILICONA HOY MISMO

CHT
SMART CHEMISTRY
WITH CHARACTER.

www.cht-silicones.com