



# BEAUTIFULLY INNOVATIVE

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## SKIN CARE, SPF PRODUCTS AND COLOR COSMETICS

From hydrating moisturizers and creams to oils, serums, and more - Momentive provides cosmetics manufacturers with the solutions they need to create high-performance skin care and color cosmetics products that both look and feel amazing on the skin.

The HARMONIE™ product range takes it to the next level, offering high performance and higher content from biobased renewable feedstocks.

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PRODUCT NAME	INCI NAME	SILICONE CONTENT %	CHINA IECIC STATUS	D4, D5, D6 <1000PPM	DESCRIPTION	APPEARANCE	BENEFITS IN SKIN CARE, SPF PRODUCTS AND COLOR COSMETICS
<b>SENSORY ENHANCERS, ELASTOMER GELS</b>							
<b>Harmonie™ Sleek Ionic gel</b>	C13-16 Isoalkane (formerly C13-16 Isoparaffin) (and) Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone*	12-15	listed	yes	12-15% Dimethicone/ Vinyl Dimethicone Crosspolymer in C13-16 Isoalkane (formerly C13-16 Isoparaffin)*	Clear to translucent gel	Skin blurring and sensory enhancing elastomer gel that offers excellent compatibility with water, polar and non-polar oils. Aids pigment dispersion. Natural origin index 0.63 (ISO 16128).
<b>SFE839</b>	Cyclopentasiloxane (and) Dimethicone / Vinyl Dimethicone Crosspolymer	100	listed	contains D5	5.5% Dimethicone / Vinyl Dimethicone Crosspolymer in Cyclopentasiloxane	Translucent gel	Sensory and thickening agent based upon a smooth, highly viscous clear elastomer gel.
<b>Silsoft E-Pearl™ PMF emulsion</b>	Polymethylsilsesquioxane (and) Dimethicone (and) Isohexadecane (and) Cetearyl Methicone (and) PEG-40 Stearate (and) Steareth-2 (and) Steareth-21	65	listed	yes	Non-ionic emulsion of Polymethylsilsesquioxane	Milky white liquid	Emulsion of an elastomer gel that provides outstanding sensory, moisturised feel, line blurring and skin brightening benefits.
<b>Silsoft™ Silicone gel</b>	Cyclopentasiloxane (and) Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer	100	listed	contains D5	5.3% Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer in Cyclopentasiloxane	Translucent gel	Elastomer gel that helps formulations spread evenly and quickly for a silky, cushioning feel and reduces tack and greasiness. Good organic and silicone compatibility.
<b>Velvesil™ 034 gel</b>	Caprylyl Methicone (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	100	listed	yes	16% Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer in Caprylyl Methicone	Translucent gel	Elastomer gel that enhances the sensorial performance of skincare and make up, helps to disperse and spread cosmetic ingredients without tackiness, delivering brighter, more uniform color and more uniform coverage in make-up and daily SPF.
<b>Velvesil™ 125 gel</b>	Cyclopentasiloxane (and) C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	100	listed	contains D5	12.5% Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer in Cyclopentasiloxane	Translucent gel	Elastomer gel that delivers a matte finish and line blurring effect in addition to a silky and powdery skin feel. Efficient thickener of silicone and organic ingredients. Stabilizer/ thickener for water in oil and oil in water emulsions.
<b>Velvesil™ DM LC gel</b>	Dimethicone (and) Cetearyl Dimethicone Crosspolymer	100	listed	yes	17% Cetearyl Dimethicone / Vinyl Dimethicone Crosspolymer in 5cst Dimethicone fluid	Translucent gel	Elastomer gel that helps in the creation of skincare and color cosmetic products that spread easily and leave an exquisite, long-lasting silky feel, also an effective thickener for anhydrous formulations and the oil phase of emulsions.
<b>Velvesil™ E-gel PMF emulsion</b>	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone (and) Isohexadecane (and) Cetearyl Methicone	50	listed	yes	30% emulsion of Dimethicone/ Vinyl Dimethicone Crosspolymer	White liquid	Elastomer gel emulsion that delivers emollient and cushioning properties, exhibits shear thinning enabling cosmetic products to spread easily during application. Self emulsifying in water.
<b>Velvesil™ Magic-B LC gel</b>	Dimethicone (and) Cetearyl Dimethicone Crosspolymer (and) C30-45 Alkyl Dimethicone (and) Beeswax	96	listed	yes	10% Cetearyl Dimethicone Crosspolymer in 5cst Dimethicone fluid in combination with C30-45 Alkyl Dimethicone and Beeswax	White wax	Elastomer gel blend that offers a soft, rich, silky sensory and emollient effect, delivering a smooth feel, helps spreading on skin and enhances soft-focus effects.

\*In 2021 the INC (Int'l Nomenclature Committee) revised the nomenclature for the hydrocarbon ingredients previously designated by INCI names containing the term "isoparaffin" and "pareth". The new approach will replace the stem terms "isoparaffin" and "pareth" with "isoalkane" and "alketh" respectively, preceded by the appropriate carbon number designation. The INCI names previously identified as "Isoparaffin" and "Pareth" will be described by the term "Formerly" in the monograph title. This approach will be maintained in publication for an indefinite period of time to fully allow for transition to the new terminology, e.g., on product labels and in product literature. During this transition period, both the old terms "isoparaffin" and "pareth" and new terms "isoalkane" and "alketh" are considered as PCPC approved. PCPC has been communicating with regulators in China regarding the name change, but unfortunately "isoalkane" and "alketh" are not yet listed in Inventory of Existing Cosmetic Ingredients in China (IECIC). How to label their products is a business decision by our customers.

PRODUCT NAME	INCI NAME	SILICONE CONTENT %	CHINA IECIC STATUS	D4, D5, D6 <1000PPM	DESCRIPTION	APPEARANCE	BENEFITS IN SKIN CARE, SPF PRODUCTS AND COLOR COSMETICS
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### SENSORY ENHANCERS, GUM AND GUM BLENDS

<b>Harmonie™ GB-2301</b> blend	C9-12 Alkane (and) Dimethiconol	16-20	listed	yes	Blend of 16-20% Dimethiconol gum in C9-12 Alkane	Clear, colorless liquid	Silicone gum blend that delivers a silky and elegant feel in skincare products, reduces the greasiness of organic sun filters and offers a smooth and even application for make-up. Natural origin index 0.57 (ISO 16128).
<b>Harmonie™ Silken E</b> gum	C13-16 Isoalkane (formerly C13-16 Isoparaffin) (and) Dimethicone*	15	listed	yes	Blend of 15% Dimethicone gum in C13-16 Alkane (formerly C13-16 Isoparaffin)*	Clear, colorless liquid	Silicone gum blend that delivers a silky and elegant feel in skincare products, reduces the greasiness of organic sun filters and offers a smooth and even application for make-up. Natural origin index 0.85 (ISO 16128).
<b>Harmonie™ Silken OL</b> gum	C13-16 Isoalkane (formerly C13-16 Isoparaffin) (and) Dimethiconol*	15	listed	yes	Blend of 15% Dimethiconol gum in C13-16 Alkane (formerly C13-16 Isoparaffin)*	Clear, colorless liquid	Silicone gum blend that delivers a silky and elegant feel in skincare products, reduces the greasiness of organic sun filters and offers a smooth and even application for make-up. Natural origin index 0.85 (ISO 16128).
<b>Silsoft™ 1215</b> fluid	Cyclopentasiloxane (and) Dimethiconol	100	listed	contains D5	Blend of 15% Dimethiconol gum in Cyclopentasiloxane	Clear, colorless liquid	Silicone gum blend that offers a unique smooth, non-greasy feel in skincare and color cosmetic products.
<b>Silsoft™ A-1100</b> fluid	Aminopropyl Triethoxysilane	100	listed	no		Translucent liquid	Provides superior bonds between a variety of substrates and polymers, in dry and wet environments. May be used to modify the surface of inorganic pigments for cosmetic purposes. For use in SPF and color cosmetics.
<b>Silsoft™ GB 16</b> gum	Dimethicone (and) Dimethiconol	100	listed	yes	Blend of 14% Dimethiconol gum in 5 cS Dimethicone fluid	Clear, colorless liquid	Silicone gum blend that imparts a soft, silky feel, boosts spreading and aids formation of a water resistant, breathable protective barrier without a negative tacky feel to skincare formulations.
<b>Silsoft™ SE 30</b> gum	Dimethicone	100	listed	no		Clear transparent gum	Silicone gum that provides a smooth non-greasy skinfeel and enhance transfer resistance in color cosmetics through its synergistic effect with silicone resins.

### SENSORY ENHANCERS, POWDERS

<b>Harmonie™ Luxe-4</b> powder	Silica	0	listed	non-silicone		White powder	Spherical powder based sensory modifier that provides a silky smooth skin feel and soft-focus effect on the skin. It improves spreadability and reduces greasiness. 100% derived mineral ingredient (ISO 16128), non-microplastic and non-nano.
<b>Momentive Softouch™ (Boron Nitride)</b> powders	Boron Nitride	0	listed	non-silicone		White powder	A range of sensory modifier powders offering performance benefits from soft focus to shine, opacity to translucence and lubricity to absorbency. Softouch Boron Nitride powders offer flexibility in achieving a range of optical properties including masking of skin defects such as hyperpigmentation, fine lines and wrinkles, radiance and luminosity.
<b>Tospearl™</b> microspheres	Polymethylsilsesquioxane	100	listed	yes		White powder	Range of spherical powder sensory modifiers with different structures and particle size, offering a powdery after feel, mattifying benefits, lubricity, spreadability improvement and soft focus.

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### EMOLLIENTS, SOLVENTS AND FLUIDS

<b>Harmonie™ Soft</b> fluid	C9-12 Alkane	0	listed	non-silicone		Clear, colorless liquid	Light high spreading volatile emollient, solvent and carrier for lipophilic ingredients. An excellent alternative to cyclomethicone and other volatile solvents. Natural origin index 0.70 (ISO 16128).
<b>SF1550</b>	Phenyl Trimethicone	100	listed	yes		Clear transparent liquid	Non-oily emollient and water repellancy aid for skincare products, can also be used to reduce the tackiness of color cosmetics.
<b>SilShine™ 150</b> fluid	Diphenyl Dimethicone	100	listed	no		Clear transparent liquid	Silicone fluid that delivers high shine to lips and other substrates due to high refractive index of 1.50. Non-volatile with good compatibility with both oleochemical and silicone based ingredients.
<b>SilShine™ 151</b> fluid	Phenylpropyldimethylsiloxy silicate	100	listed	yes		Clear transparent liquid	Gloss additive and film former that delivers high shine to lips, due to a high refractive index of 1.51. Non-volatile, good compatibility with organic and silicone based materials silicone based materials.
<b>Silsoft™ 034</b> fluid	Caprylyl Methicone	100	listed	yes		Clear transparent liquid	Silicone fluid that improves the spreadability of cosmetic oils, reduce greasiness, provide a silky afterfeel and reduces the rub-on time of lotions and creams. Significantly improves the dispersibility of inorganic pigments in oil based formulations.
<b>Silsoft™ ETS</b> fluid	Ethyl Trisiloxane	100	not listed	yes		Clear transparent liquid	Highly volatile solvent and emollient that spreads rapidly and feels dry and light upon application.

### EMULSIFIERS AND SURFACTANTS

<b>Harmonie™ Mesh</b> emulsifier	Caprylic/Capric Triglycerides (and) PEG/PPG-20/15 Dimethicone	49	listed	yes	49% PEG/PPG-20/15 Dimethicone in Caprylic/ Capric Triglyceride	Clear amber liquid	Efficient emulsifier for water in silicones systems. Natural origin index 0.51 (ISO 16128).
<b>Silsoft™ 1540</b> fluid	Cyclopentasiloxane (and) PEG/PPG-20/15 Dimethicone	100	listed	contains D5	40% PEG/PPG-20/15 Dimethicone in Cyclopentasiloxane	Opaque liquid	Water in silicone emulsifier, with the recommended use level of 2.5-5%. Imparts a soft silky after feel, enhances water repellency and increases durability.
<b>Silsoft™ EAU</b> microgel	Polysilicone-34 (and) Isononyl Isononanoate (and) Water	50	not listed	yes		Translucent gel	A unique structuring agent and emulsifier for novel textures, comprising of a water swellable polyacrylate core that is bound by a silicone copolymer shell-like layer. The pre-activated polyacrylate core swells quickly upon addition of water forming a cohesive gel network that helps stabilize oil droplets.
<b>Silsoft™ 876</b> fluid	PEG-12 Dimethicone	100	listed	yes		Clear amber liquid	Wetting agent for pigments and particulate UV filter to introduce materials into the water phase.
<b>Silsoft™ 900</b> fluid	PPG-12 Dimethicone	100	listed	no		Clear, colorless liquid	Low HLB emulsifier and non-ionic surfactant, soluble in ethanol and some emollients. Acts as a dispersing agent for pigments in color cosmetic formulations.

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<b>FILM FORMERS FOR USE IN SPF PRODUCTS AND COLOR COSMETICS</b>							
<b>SilForm Flexible™</b> resin	Polymethylsilsesquioxane	100	listed	yes		White powder	Film forming resin that provides a combination of comfort and long-lasting wearability. Mimics the movement of skin for a comfortable, non-tightening feel and offers non-transfer properties.
<b>SilForm Hydroflex</b> emulsion	Polyacrylate-56	23	not listed	yes		Clear amber liquid	Film former that delivers an elastic film to improve transfer and water resistance whilst providing the flexibility to enable long-wear color cosmetics that do not crack or flake.
<b>SilForm INX</b> fluid	Bis-Carboxydecyl Dimethicone	100	not listed	yes		Clear amber liquid	Versatile film former that enhances transfer resistance, gloss and pigment dispersion in color cosmetics whilst also allowing the incorporation of water.
<b>Silsoft™ 74</b> fluid	Trimethylsiloxysilicate (and) Isododecane	75	listed	yes	75% Trimethylsiloxysilicate in Isododecane	Clear transparent liquid	Film former resin solution in Isododecane for water repellency, long lasting durability, transfer resistance and fast drying.
<b>SR1000</b>	Trimethylsiloxysilicate	100	listed	yes		White powder	Highly durable resin that provide excellent long wear and transfer resistance properties.
<b>SS4230</b>	Cyclopentasiloxane (and) Trimethylsiloxysilicate	100	listed	contains D5	45% Trimethylsiloxysilicate in Cyclopentasiloxane	Clear transparent liquid	Highly durable resin solution that provides excellent long wear and transfer resistance properties.
<b>SS4267</b>	Dimethicone (and) Trimethylsiloxysilicate	100	listed	yes	35% Trimethylsiloxysilicate in Dimethicone	Clear transparent liquid	Highly durable resin solution that provide excellent long wear and transfer resistance properties.
<b>WAX COUPLING AGENT</b>							
<b>SF1642</b>	C30-45 Alkyl Dimethicone	100	listed	no		White wax	Coupling agent for the effective combination of silicone and organic ingredients, also functions as a thickening agent for both oil in water and water in oil emulsions. Offers excellent lubricity and skin feel.



## HAIR CARE

The lightweight, silky-smooth and conditioning properties of Momentive products make them perfect for use in a range of hair care solutions, including shampoos, serums, oils, conditioners and creams. Effective at tackling frizz and smoothing flyaway, the HARMONIE product range can be the perfect solution for manufacturers looking to increase the naturality index of their hair care products.

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### FLUIDS, SOLVENTS, EMOLLIENTS FOR USE IN HAIR SERUMS, SHINE SPRAYS, OILS AND LEAVE ON CONDITIONERS

<b>Harmonie™ Soft fluid</b>	C9-12 Alkane	0	listed	non-silicone		Clear, colorless liquid	High spreading emollient, solvent and carrier that is light enough for leave-on hair applications. An excellent alternative to volatile cyclomethicone and hydrocarbons. Natural origin index 0.70 (ISO 16128).
<b>SF1550</b>	Phenyl Trimethicone	100	listed	yes		Clear transparent liquid	Non-greasy emollient with a high refractive index (1.46) that provides gloss and shine in hair care products.
<b>SilShine™ 150 fluid</b>	Diphenyl Dimethicone	100	listed	no		Clear transparent liquid	Delivers visually perceivable high shine to hair and other substrates due to high refractive index of 1.50. Non-volatile with good compatibility with both oleochemical and silicone based ingredients.
<b>SilShine™ 151 fluid</b>	Phenylpropyldimethylsiloxysilicate	100	listed	yes		Clear transparent liquid	Gloss additive and film former that delivers high shine to hair, due to a high refractive index of 1.51. Non-volatile, good compatibility with organic and silicone based materials are does not migrate.
<b>Silsoft™ ETS fluid</b>	Ethyl Trisiloxane	100	not listed	yes		Clear transparent liquid	Highly volatile solvent and emollient that spreads easily and rapidly and feels dry and light upon application.

### HAIR CONDITIONING GUMS AND GUM BLENDS FOR USE IN HAIR SERUMS, OILS AND LEAVE ON CONDITIONERS

Can also be used in wash off conditioners, masks and treatments

<b>Harmonie™ GB-2301 blend</b>	C9-12 Alkane (and) Dimethiconol	16-20	listed	yes	Blend of 16-20% Dimethiconol gum in C9-12 Alkane	Clear, colorless liquid	Hair conditioning blend based upon a naturally derived volatile carrier providing anti-frizz and shine performance. Natural origin index 0.57 (ISO 16128).
<b>Harmonie™ Silken E gum</b>	C13-16 Isoalkane (formerly C13-16 Isoparaffin) (and) Dimethicone*	15	listed	yes	Blend of 15% high viscosity Dimethicone gum in C13-15 Alkane (formerly C13-16 Isoparaffin)*	Clear, colorless liquid	Hair conditioning blend suitable for products with a higher natural content particularly suitable for dry hair and hair requiring extra nourishment. Natural origin index 0.85 (ISO 16128).
<b>Harmonie™ Silken OL gum</b>	C13-16 Isoalkane (formerly C13-16 Isoparaffin) (and) Dimethiconol*	15	listed	yes	Blend of 15% high viscosity Dimethiconol gum in C13-16 Alkane (formerly C13-16 Isoparaffin)*	Clear, colorless liquid	Hair conditioning blend suitable for products with a higher natural content particularly suitable for dry hair and hair requiring extra nourishment. Natural origin index 0.85 (ISO 16128).
<b>Silsoft™ 1215 fluid</b>	Cyclopentasiloxane (and) Dimethiconol	100	listed	contains D5	Blend of 15% Dimethiconol gum in Cyclopentasiloxane	Clear, colorless liquid	Hair conditioning blend suitable for the creation of conventional Cyclomethicone based hair serums and oils.
<b>Silsoft™ B3820 blend</b>	Isododecane (and) Dimethicone	25	listed	yes	Blend of 25% Dimethicone in Isododecane	Clear, colorless liquid	Hair conditioning blend suitable for the creation of Isododecane based serums and oils.
<b>Silsoft™ GB 16 gum</b>	Dimethicone (and) Dimethiconol	100	listed	yes	Blend of 14% Dimethiconol gum in 5 cS Dimethicone fluid	Clear, colorless liquid	Hair conditioning blend suitable for the creation of Dimethicone based serums and oils.
<b>Silsoft™ SE 30 gum</b>	Dimethicone	100	listed	no		Clear transparent gum	Conditioning agent that improves wet and dry combability and gives improved softness and shine. In bar soap can increase the volume and creaminess of the lather. Can also be used in soaps.

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### HAIR CONDITIONING AGENTS FOR USE IN SHAMPOOS, CONDITIONERS AND TREATMENTS

<b>Harmonie™ EM 801 emulsion</b>	Argania Spinosa (Argan) Kernal Oil (and) C12-14 sec-Alketh-5 (formerly C12-14 sec-Pareth-5) (and) C12-14 sec-Alketh-9 (formerly C12-14 sec-Pareth-9)*	0	listed	non-silicone		52% non-ionic emulsion of Argan oil	Milky white liquid	Conditioning agent based upon Argan oil, the performance of which is boosted by delivery from an emulsion. Provides conditioning, smoothing and softness whilst also stabilising the natural oil. Natural Origin Index 0.87 (ISO 16128).
<b>SF1708</b>	Amodimethicone	100	listed	no			Clear, colorless liquid	Optimized conditioning agent for damaged hair, provides excellent wet and dry combing, softening and lubricity.
<b>Silsoft™ 253 emulsion</b>	Amodimethicone (and) C11-15 Alketh-7 (formerly C11-15 Pareth-7) (and) Laureth-9 (and) Glycerin (and) Trideceth-12*	20	listed	yes		20% non-ionic microemulsion of Amodimethicone	Clear transparent liquid	Cationic conditioning microemulsion offering improved wet and dry combing and lubricity particularly in clear formulations.
<b>Silsoft™ A+ LT emulsion</b>	PEG-40 /PPG-8 Methylaminopropyl / Hydropropyl Dimethicone Polymer (and) Glycerin (and) Propylene Glycol	30	not listed	yes		30% dispersion of PEG-40 /PPG-8 Methylaminopropyl /Hydropropyl Dimethicone Polymer	Clear pale yellow liquid	Superior conditioning agent for damaged hair repair offering enhanced deposition and wet and dry combability. Boosts fibre alignment, smoothness, reduces frizz and aids curl definition.
<b>Silsoft™ A-843 fluid</b>	Bisamino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone (and) Dipropylene Glycol	30	listed	no		30% dispersion of Bisamino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone	Translucent liquid	Conditioning agent with excellent adsorption on surfaces offering unique tactile properties, and uniform surface coverage. Improves combability and reduces fly-away.
<b>Silsoft™ A-1100 fluid</b>	Aminopropyl Triethoxysilane	100	listed	no			Translucent liquid	Provides superior bonds between a variety of substrates and polymers, in dry and wet environments. May be used in water free styling formulations.
<b>Silsoft™ AM1021 N LV PMF emulsion</b>	Amodimethicone (and) Trideceth-6 (and) Trideceth-12 (and) Glycerin	22	listed	yes		22% non-ionic microemulsion of Amodimethicone	Clear translucent liquid	Cationic conditioning microemulsion which provides an unique soft hair feel after drying, good frizz control at high humidity, enhanced shine and wet and dry combability.
<b>Silsoft™ AX LC fluid</b>	Bis-cetearyl Amodimethicone	100	not listed	yes			Translucent liquid	Conditioning agent that offers enhanced thermal protection, superior smoothness and shine for dry hair in addition to color protection. Suitable for clear products. May also find use in shower gel and soaps.
<b>Silsoft™ AX-E PMF emulsion</b>	Bis-cetearyl Amodimethicone (and) Cetareth-7 (and) Cetareth-25	40	not listed	yes		40% emulsion of Dimethicone/ Vinyl Dimethicone Crosspolymer	Milky white liquid	Conditioning agent that offers enhanced thermal protection, superior smoothness and shine for dry hair in addition to color protection. Supplied in the form of an easy to use emulsion. May also find use in shower gel and soaps.
<b>Silsoft™ CLX-E emulsion</b>	Dipropylene Glycol (and) Polysilicone-29	15	in progress	yes		15% dispersion of Polysilicone-29	Clear to slightly hazy liquid	Novel conditioning agent that forms a durable, crosslinked network on hair resulting in improved manageability, reduced frizz and a soft, radiant appearance without weighing down hair or leaving behind residue. Designed to deliver long lasting results through multiple washes, improving the hydrophobicity of damaged hair for up to 30 washes. Reduces hair drying time. For use in leave on and wash off conditioners, shampoos, serums and treatments.

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<b>HAIR CONDITIONING AGENTS FOR USE IN SHAMPOOS, CONDITIONERS AND TREATMENTS</b>							
<b>Silsoft™ EM160-A PF</b> conditioning agent	Dimethiconol (and) TEA Dodecylbenzene Sulfonate	25	listed	no	25% anionic emulsion of Dimethiconol	Milky white liquid	Conditioning agent that imparts a lubricating and slick sensory to damaged hair. Enhances wet and dry combability and hair gloss. May also find use in styling products and shower gels.
<b>Silsoft™ EM 222</b> emulsion	Dimethiconol (and) C11-15 sec-Alketh-12 (formerly C11-15 Pareth-7) (and) Sodium Dodecylbenzenesulfonate*	50	listed	no	50% anionic emulsion of Dimethiconol	Milky white liquid	Conditioning agent that provides excellent shine, wet and dry combability and leaves the hair soft and smooth. Suitable for any hair type and is designed for frequent use.
<b>Silsoft™ EM 223-E emulsion</b>	Dimethiconol (and) TEA-Dodecylbenzenesulfonate	60	listed	no	60% anionic emulsion of very high viscosity Dimethiconol	Milky white liquid	Conditioning agent that improves wet and dry combing, smoothness, and damage repair. Supplied as a low viscosity emulsion for easy handling.
<b>Silsoft™ EM 321-E</b> emulsion	Amodimethicone (and) Trideceth-12 (and) Cetrimonium Chloride	35	listed	no	35% cationic emulsion of Amodimethicone	Milky white liquid	Amodimethicone emulsion that shows improved Deposition and substantivity over standard Dimethicone fluids. Benefits from these include ease of combing, a silky sheen, soft feel and color protection.
<b>Silsoft™ EM 322C</b> emulsion	Amodimethicone (and) C12-14 sec-Alketh-5 (formerly C12-14 Pareth-5) (and) C12-14 sec-Alketh-9 (formerly C12-14 sec-Pareth-9)*	20	listed	no	20% non-ionic microemulsion of Amodimethicone	Clear, colorless liquid	Conditioning emulsion that is highly substantive to hair, therefore improving wet and dry combing, and protecting hair from color leaching. Superior smoothing and damage repair is possible, even in shampoo. Suitable for use in clear shampoos
<b>Silsoft™ EM 421C</b> emulsion	Silicone Quaternium-17 (and) C12-14 sec-Alketh-5 (formerly C12-14 Pareth-5) (and) C12-14 sec-Alketh-9 (formerly C12-14 sec-Pareth-9)*	20	not listed	no	20% non-ionic microemulsion of Silicone Quaternium-17	Clear liquid	Conditioning agent that is ideal for clear shampoos and other haircare products where it provides a high-quality conditioning effect. Silicone Quaternium-17 is known for excellent conditioning and protecting colored or damaged hair, it may improve hair strength and provide heat protection.
<b>Silsoft™ EM 501C</b> emulsion	Phenyl Trimethicone (and) Silicone Quaternium-17 (and) Laureth-4	20	not listed	no	20% non-ionic microemulsion of Phenyl Trimethicone and Silicone Quaternium-17	Clear to slightly hazy liquid	Optimised conditioning emulsion combining the benefits of shine-boosting Phenyl Trimethicone and conditioning Silicone Quaternium-17. Enhancing gloss and softness, whilst offering excellent conditioning of damaged dry and colored hair. Reduces wet combing in both shampoo and conditioner.
<b>Silsoft™ EMU121-N</b> conditioning agent	Dimethiconol (and) Laureth-4 (and) Laureth-23 (and) PEG-55 Stearate	73	listed	no	73% non-ionic emulsion of Dimethiconol	Milky white liquid	Conditioning emulsion that improves the wet and dry combability. Improves hair softness and managability.
<b>Silsoft™ Q PMF</b> emulsion	Silicone Quaternium-18 (and) Trideceth-6 (and) Trideceth-12	20	listed	no	20% non-ionic microemulsion of Silicone Quaternium-18	Clear pale yellow liquid	Conditioning emulsion with excellent lubricity in wet combing and unique softening performance benefits, provides volume without flyaway. Modifies the lather properties of surfactant products providing a differentiated after-wash skin and hair feel.
<b>Silsoft™ Silk PMF</b> emulsion	Silicone Quaternium-18 (and) Trideceth-6 (and) Deceth-7 (and) Cocamidopropyl Betaine (and) Dipropylene Glycol	36	listed	no	36% microemulsion of Silicone Quaternium-18	Clear amber liquid	Cationic conditioning emulsion that delivers softness to damaged, thick or wavy hair without leaving it heavy, limp or greasy. A lightweight conditioning additive that provides easy formulation and dilution stability.

PRODUCT NAME	INCI NAME	SILICONE CONTENT %	CHINA IECIC STATUS	D4, D5, D6 <1000PPM	DESCRIPTION	APPEARANCE	BENEFITS IN HAIR CARE
<b>SURFACTANTS/ EMULSIFIERS FOR USE IN HAIR CARE AND WASH-OFF PRODUCTS PRODUCTS</b>							
<b>Silsoft™ 860</b> fluid	PEG-10 Dimethicone	100	listed	no		Clear, colorless liquid	Water and alcohol soluble surfactant that, enhances the sensory feel of foams, may reduce the irritation of anionic surfactants and act as a skin conditioning agent in soap.
<b>Silsoft™ 876</b> fluid	PEG-12 Dimethicone	100	listed	yes		Clear amber liquid	Water soluble, light conditioning agent bringing small bubble size and richness in foam. Foams in the presence of alcohol.
<b>Silsoft™ 895</b> fluid	PEG-17 Dimethicone	100	listed	no		White wax	High HLB emulsifier and non-ionic surfactant, soluble in water, ethanol and propylene glycol. Boosts foam and provides light conditioning in surfactant systems.
<b>Silsoft™ 900</b> fluid	PPG-12 Dimethicone	100	listed	no		Clear, colorless liquid	Low HLB emulsifier and non-ionic surfactant, soluble in ethanol and some emollients. For use in hair waxes and pomades where it will aid wash-out.
<b>FILM FORMERS FOR USE IN HAIR CARE PRODUCTS</b>							
<b>SilForm Hydroflex</b> emulsion	Polyacrylate-56	23	not listed	yes		Clear amber liquid	Anionic styling agent that provides flexible hold, curl memory and definition. For use in hair styling gels, creams and non-aerosol sprays.
<b>SilForm INX</b> fluid	Bis-Carboxydecyl Dimethicone	100	not listed	yes		Clear amber liquid	Versatile film former that delivers anti-frizz, anti-static and shine properties for the hair. Able to boost the performance of fragrance on hair. For use in leave on hair serums, treatments and hair perfumes.
<b>SS4230</b>	Cyclopentasiloxane (and) Trimethylsiloxysilicate	100	listed	contains D5	45% Trimethylsiloxysilicate in Cyclopentasiloxane	Clear transparent liquid	Highly durable resin solution that provides excellent long lasting. For use wash off and leave in conditioners and styling products.
<b>SS4267</b>	Dimethicone (and) Trimethylsiloxysilicate	100	listed	yes	35% Trimethylsiloxysilicate in Dimethicone	Clear transparent liquid	Highly durable resin solution that provides excellent long lasting. For use wash off and leave in conditioners and styling products.



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