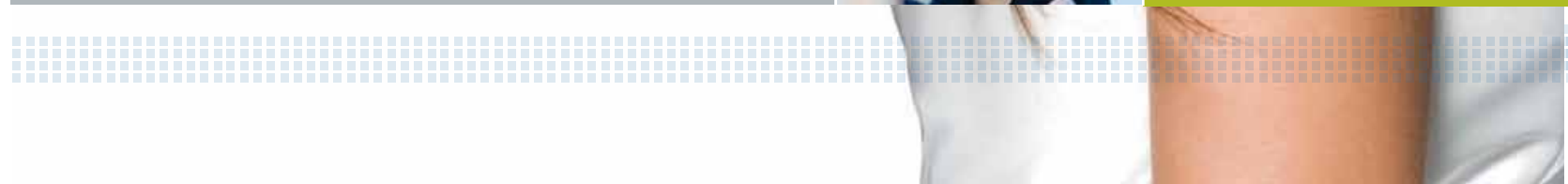
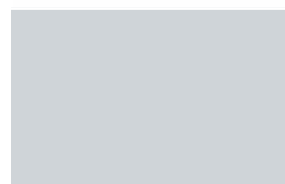


MOMENTIVE™

**Hair Care Toolkit for
Personal Care**



Hair Care Selection Tool

Product Name	INCI Name	Product Description	% Silicone Solids ⁽¹⁾	Main Function	Hair Type		Typical Benefit(s)																Potential Product Type															
					Virgin/Undamaged	Thin	African American	Damaged	Wavy/Curly	Shine	Moisturization	Repair	Anti-Frizz	Increased Volume	Smooth/Straight Styles	Curl Memory/Definition	Natural Curl/Wavy Definition	Anti-Breakage	Detangling/Ease of Combing	Humidity Resistance	Thermal Protection	Enhanced Penetration	Color Retention	Reduced Static	Enhanced Spreading	Foam Booster/Stabilizer	Styling	Shampoos	Clear Shampoo	Rinse Off Conditioners	Detangling Spray	Shine Sprays	Styling Products (sprays, gels and/or mousses)	Hair Dyes	Treatment Ampoule (Emulsion)	Treatment Oil/Serums (Hydrophobic Formulations)	Leave-On Milk	Leave-On Conditioners
Silsoft Silk* conditioning agent	Silicone Quaternium-18 (and) Trideceth-6 (and) Deceth-7 (and) Cocamidopropyl Betaine (and) Dipropylene Glycol	Quat [AB] _n microemulsion	36	Silky/soft feel, conditioning and detangling aid and curl definition			•	•	•	•			•	•	•	•								•	•	•	•					•	•	•				
Silsoft* AX conditioning agent	Bis-Cetearyl Amodimethicone	Alkyl modified amino fluid	100	Thermal protection, smoothness, shine without greasiness and color retention	•		•	•	•	•			•			•	•	•	•			•					•						•	•			•	
Silsoft AX-E conditioning agent	Bis-Cetearyl Amodimethicone (and) Ceteareth-7 (and) Ceteareth-25	Emulsion of alkyl modified amino fluid	40	Thermal protection, smoothness, shine without greasiness and color retention	•		•	•	•	•			•			•	•	•	•			•															•	
Silsoft A+ conditioning agent	PEG-40/PPG-8 Methylaminopropyl/Hydroxypropyl Dimethicone Copolymer	Amino [AB] _n copolymer emulsion	30	Moisturization, curl definition	•		•	•	•	•	•		•			•	•					•													•		•	
Silsoft A-843 conditionng agent	Bisamino PEG/PPG-41/3 Aminoethyl PG-Propyl Dimethicone	Amino [AB] _n copolymer emulsion	30	Conditioning and fly-away control	•			•								•	•					•															•	
Silsoft Q PF conditionng agent	Water (and) Silicone Quaternium-18 (and) Trideceth-6 (and) Trideceth-12	Quat [AB] _n microemulsion	20	Very soft wet and dry feel, enhanced volume and body	•	•										•	•					•															•	
Silsoft HC-400 conditioning agent	Water (and) Amino Bispropyl Dimethicone (and) Trideceth-12 (and) TEA-Dodecylbenzenesulfonate (and) Cetrimonium Chloride	Cationic aminofunctional silicone emulsion	35	Detangling and reduced fly-away	•			•								•	•					•													•		•	
SF1708 fluid	Amodimethicone	Amodimethicone fluid	100	Color retention, conditioning			•	•														•															•	
Silsoft 253 conditioning agent	Amodimethicone (and) C11-15 Pareth-7 (and) Laureth-9 (and) Glycerin (and) Trideceth-12	Amodimethicone microemulsion	20	Color retention, quick dry, conditioning, paraben free	•		•	•														•															•	

(1) Typical properties are average data and are not to be used as or to develop specifications.

Hair Care Selection Tool (continued)

Product Name	INCI Name	Product Description	% Silicone Solids ⁽¹⁾	Main Function	Hair Type					Typical Benefit(s)														Potential Product Type															
					Virgin/Undamaged	Thin	African American	Damaged	Wavy/Curly	Shine	Moisturization	Repair	Anti-Frizz	Increased Volume	Smooth/Straight Styles	Curl Memory/Definition	Natural Curl/Wavy Definition	Anti-Breakage	Detangling/Ease of Combing	Humidity Resistance	Thermal Protection	Enhanced Penetration	Color Retention	Reduced Static	Enhanced Spreading	Foam Booster/Stabilizer	Styling	Shampoos	Clear Shampoo	Rinse Off Conditioners	Detangling Spray	Shine Sprays	Styling Products (sprays, gels and/or mousses)	Hair Dyes	Treatment Ampoule (Emulsion)	Treatment Oil/Serums (Hydrophobic Formulations)	Leave-On Milk	Leave-On Conditioners	
SM2658 cationic emulsion	Water (and) Amodimethicone (and) Trideceth-12 (and) Glycerin (and) Cetrimonium Chloride	Cationic amodimethicone microemulsion	35	Detangling and enhanced wet combing	●			●																		●		●										●	
SF1550 fluid	Phenyl Trimethicone	Phenyl modified fluid	100	Immediate Shine	●			●		●																													
SF1555 fluid	Bis-Phenylpropyl Dimethicone	Phenyl modified fluid	100	Immediate Shine	●			●		●																													
Silshine* 151 fluid	Phenylpropyldimethylsiloxysilicate	Phenyl modified resin fluid	100	Durable high shine	●			●		●																													
Silsoft* 876 fluid	PEG-12 Dimethicone	Silicone polyether copolymer fluid	100	Foam booster, texturizer and stabilizer	●			●	●														●		●	●												●	
Silsoft 895 fluid	PEG-17 Dimethicone	Silicone polyether copolymer fluid	100	Foam booster, texturizer and stabilizer	●			●															●		●													●	
Silsoft 034 fluid	Caprylyl Methicone	Alkyl modified trisiloxane	100	Spreading, compatibilizer for organic oils with silicones	●	●	●	●										●																					
Silsoft Spread MAX fluid	Methoxy PEG-8 Dimethylsilylethyl Trimethylsilane (and) Trideceth-5 (and) Merxapol 172	Organomodified siloxane copolymer	0	Enhanced spreading, enhanced penetration	●	●	●	●	●									●				●																	
Silsoft ETS fluid	Ethyl Trisiloxane	Alkyl modified trisiloxane	100	Volatile; dry, light sensory; enhanced spreading	●	●	●	●	●									●				●		●														●	
SilForm* Flexible resin	Polymethylsilsesquioxane	Film-forming silicone MT resin	100	Humidity resistance and shine without weigh down	●	●	●	●	●								●						●																
SF1236 fluid	Dimethicone	Dimethicone blend	100	Improved manageability, wet & dry comb	●			●																●		●													●
Silsoft 1215 fluid	Cyclopentasiloxane (and) Dimethiconol	Dimethiconol & cyclopentasiloxane blend	100	Volume control, slick sensory	●		●	●																		●													●
SilForm INX fluid	Bis-Carboxydecyl Dimethicone	Carboxylated silicone	100	Anti-frizz, fragrance retention and shine	●	●	●	●	●															●	●	●													●

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Hair Care Selection Tool (continued)

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