

2021

Ingredients Book

The secret behind the effectiveness
of skin care and beauty products



B2BInformation



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“We are not only actives in beauty care, we deliver them”.

...because the way actives are delivered is one of the most critical components to ensuring the overall functionality and performance of a product.

Pictograms Legend



In-vivo study available.



Naturalty Index ISO 16128.



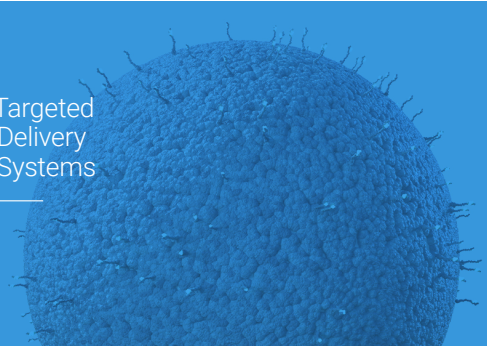


















Water dispersable.

























Powder form available.





















China compliant ingredient.

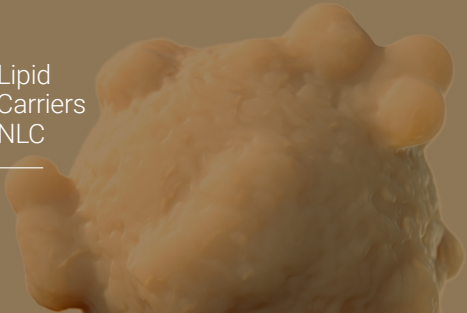
<div> <div>Targeted Delivery Systems</div>  </div>		<div> <div>SKIN CARE</div> <div> Trojan[®] Technology / The Cosmetic Drone[®] </div> <div>Targeted Delivery Systems</div> </div> <div> <div>The first targeting delivery system in cosmetics.</div> <div>Delivery system able to actively target specific cell lines by the mean of affinity peptides ligands conjugated onto the surface of the particles, and receptor-mediated endocytosis. The encapsulated active ingredient is released only where and when it is needed the most, so it is effective at very low doses.</div> </div>							
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI 		
Trojan [®] Q10 TR0004	Antioxidant. Anti-Wrinkle.	Anti-Aging. Elasticity. Firming. Eye Contouring. Premature Aging.	MALTODEXTRIN, LACTIC ACID/GLYCOLIC ACID COPOLYMER, POLYVINYL ALCOHOL, UBIQUINONE, D-ARGINYL TYROSINYL ORNITHINYL PHENYLALANINE, PENTAPEPTIDE-4.	0.50% - 1.50%	18 volunteers. 40-60 yrs old. 56 days. Cutometry. Silicon replica. Eye contour area.	+10% Skin Firmness. +14% Skin Elasticity.	 	0.999	
X50 [®] Anti-Aging X500059	Anti-Aging. Anti-Wrinkle.	Premature Aging. Eye Contouring.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, POLYVINYL ALCOHOL, COPPER PALMITOYL HEPTAPEPTIDE-14, HEPTAPEPTIDE-15 PALMITATE.	1.00% (0.001% Active).	30 volunteers. 30-75 yrs old. 28 days. Silicon replica. Eye contour area.	33% Wrinkle Reduction (Average).	 	0.990	
X50 [®] Silhouette X500056	Anti-Cellulite.	Firming. Slimming.	WATER (AQUA), XANTHAN GUM, COCCOLOBA UVIFERA FRUIT EXTRACT , LACTIC ACID/GLYCOLIC ACID COPOLYMER, POLYVINYL ALCOHOL, ACETYL CYCLOHEXAPEPTIDE-34.	1.00% (0.001% Active).	20 volunteers. 30-75 yrs old. 56 days. Anthropometric readings. Skin roughness test. Buttocks and thighs.	Up to 3.1 cm. Contour Reduction (Up to -14.2% Orange Peel).	 	0.985	
X50 [®] Myocept X500048	Expression Lines.	Anti-Wrinkle. Eye Contouring.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, PALMITOYL HEXAPEPTIDE-52 , POLYVINYL ALCOHOL, PALMITOYL HEPTAPEPTIDE-18.	1.00% (0.001% Active).	30 volunteers. 40-55 yrs old. 28 days. Image analysis. Eye contour area.	Up to 27% Wrinkle Reduction (100% Volunteers).	 	0.993	
X50 [®] Pure White X500064	Whitening.	Dark Spots. Even Tone.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, PALMITOYL SH-OCTAPEPTIDE-24 AMIDE , POLYVINYL ALCOHOL, PALMITOYL SH-TRIPEPTIDE-5 NORISOLEUCYL SH-NONAPEPTIDE-1.	1.00% (0.001% Active).	20 volunteers. 18-65 yrs old. 56 days. Luminance (L) ITA° Angle. Face area.	x 13 Lighter Even Tone (x 6.4 Lighter Spots).	 	0.990	
X50 [®] Photoglow X500065	Glowing Effect.	Even Tone. Whitening.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, CHLORELLA VULGARIS (ALGAE) EXTRACT , POLYVINYL ALCOHOL, HEPTAPEPTIDE-15 PALMITATE.	1.00% (0.001% Active).	5 volunteers. 39-58 yrs old. 28 days. Image analysis. Luminance (L). Face area.	Up to 152% Radiance Increase (33% Lighter Tone).	 	0.990	
X50 [®] Hyalufiller X500072	Wrinkle-Filler.	Anti-Wrinkle. Plumping Effect. Volume Effect.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, PALMITOYL TETRAPEPTIDE-50 , POLYVINYL ALCOHOL, HEPTAPEPTIDE-15 PALMITATE.	1.00% (0.001% Active).	5 volunteers. 49-60 yrs old. 28 days. Image analysis. Nasogenian fold.	Up to 70% Deep Fold Reduction (In only 14 days).	 	0.990	
X50 [®] Skin Barrier X500074	Skin Barrier. Anti-Aging.	Hydration. Re-epithelizing. Repairing.	WATER (AQUA), XANTHAN GUM, LACTIC ACID/GLYCOLIC ACID COPOLYMER, POLYVINYL ALCOHOL, PALMITOYL HEPTAPEPTIDE-27, PALMITOYL OLIGOPEPTIDE-78, PALMITOYL OCTAPEPTIDE-24.	1.00% (0.001% Active).	22 volunteers. 35-63 yrs old. 28 days. Ultrasonography Scan. Face area.	x 4 Epidermal Thickness (x 4 Echogenic Density).	 	0.990	

		<div>SKIN CARE</div> <div>MVP Luxury Premium Particles</div> <div>NP Particles</div> <div>Precious metals and gemstones as protective shields for actives.</div> <div>Precious metals and stones-based particles decorated with biomimetic peptides and small molecular weight actives. Because of the high concentration of active (steric hindrance), stability dramatically increases. Moreover, skin penetration is boosted as well as active efficacy.</div>							
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI 		
Golden C® NP0084	Anti-Aging. Antioxidant.	Dark Spots. Glowing Effect. Whitening.	WATER (AQUA), SORBITOL, XANTHAN GUM, ASCORBIC ACID , COLLOIDAL GOLD* , GLUTATHIONE . *GOLD in China.	0.30% - 0.50%	10 volunteers. 22-57 yrs old. 1 day. Antioxidant challenges: Ozone, Pollution and UV exposure. Face area.	Oxidative Challenges Exposure. (Ozone, UV, Blue Light).	 	0.829	
MVP Golden Collagenine NP0068	Anti-Wrinkle.	Anti-Aging. Eye Contouring.	WATER (AQUA), XANTHAN GUM, ACETYL HEPTAPEPTIDE-9 (AND) COLLOIDAL GOLD .	0.15% - 0.30%	15 volunteers. 30-60 yrs old. 28 days. Silicon replica. Eye contour area.	55% Wrinkle Reduction (Average).	 	0.989	
MVP Platinum MatrixEM NP0069	Anti-Wrinkle.	Anti-Aging. Elasticity. Eye Contouring.	WATER (AQUA), XANTHAN GUM, ACETYL TETRAPEPTIDE-17 (AND) COLLOIDAL PLATINUM .	0.15% - 0.30%	15 volunteers. 35-60 yrs old. 28 days. Silicon replica. Eye contour area.	61% Wrinkle Reduction (Average).	 	0.993	
MVP Diamond Sirt NP0067	Anti-Aging. Premature Aging.	Antioxidant. Regenerating.	WATER (AQUA), XANTHAN GUM, ACETYL sh-PENTAPEPTIDE-35 (AND) DIAMOND POWDER .	0.15% - 0.30%	Ex-Vivo.	Oxidative Challenges Exposure. (Ozone, UV).	 	0.994	
MVP Sapphire Lift NP0064	Lifting. Firming.	Antioxidant. Elasticity.	WATER (AQUA), XANTHAN GUM, SYNTHETIC SAPPHIRE (AND) GLUTATHIONE, PALMITOYL TRIPEPTIDE-28 .	0.15% - 0.30%	20 volunteers. 35-60 yrs old. 28 days. DINASkin®. Face cheek.	Up to 24% Firmness Increase (195 Elasticity Increase).	 	0.993	

<div>Advanced Lipid Technology</div>		<div> <div>SKIN CARE</div> <div> <div>Activys®</div> <div>Advanced Lipid Technology</div> </div> </div> <div> <div>The first delivery system developed for sensitive skin.</div> <div>Delivery system resembling cellular membranes, consisting of a phospholipid bilayer and inserted Omega-3 molecules. These capsules show a dual-nature: (i) active, because of the presence of the hero ingredient, Omega-3, which is released upon capsule degradation and (ii) delivery system, such active, being within the bilayer that allows additional flexibility in the adjacent chains, improving the penetration ability.</div> </div>							
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI 		
Activys® Anti-Pollution OCE0006	Anti-Pollution.	Anti-Inflammatory. Detoxifying. Sensitive Skin. Soothing.	WATER (AQUA), GLYCERIN, PROPANEDIOL, SORBITOL, PHOSPHATIDYLCHOLINE, DOCOSAHEXAENOIC ACID, EICOSAPENTAENOIC ACID , XANTHAN GUM, ASCOPHYLLUM NODOSUM EXTRACT, ASPERGILLUS FERMENT, PSEUDANABAENA GALEATA EXTRACT , TOCOPHERYL ACETATE, SPIRULINA PLATENSIS POWDER .	0.50%	11 volunteers. 30-60 yrs old. 24 hrs. Detoxification effect. Face area.	-4% Heavy Metals Reduction in 24 hours. Detoxification. Less Particulate. Matter Adhesion.	 WATER DISPERSIBLE	0.785	 CHINA COMPLIANT
Activys® Anti-Glycation OCE0007	Anti-Glycation.	Anti-Inflammatory. Sensitive Skin. Soothing.	WATER (AQUA), GLYCERIN, PROPANEDIOL, SORBITOL, PHOSPHATIDYLCHOLINE, DOCOSAHEXAENOIC ACID , XANTHAN GUM, EICOSAPENTAENOIC ACID , ASPERGILLUS FERMENT, TOCOPHERYL ACETATE.	0.50%	20 volunteers. 31-69 yrs old. 28 days. AGE* Readings. Face and forearm. <small>*Advanced Glycation End Products.</small>	-12% Glycation Levels. 18 Years. Skin Rejuvenation. +40% Collagen Synthesis.	 WATER DISPERSIBLE	0.828	 CHINA COMPLIANT
Activys® Red-Out OCE0005	Anti-Redness.	Anti-Inflammatory. Skin Barrier. Sensitive Skin. Soothing.	WATER (AQUA), CAPRYLIC/CAPRIC TRIGLYCERIDE, GLYCERIN, SORBITOL, PROPANEDIOL, PHOSPHATIDYLCHOLINE, DOCOSAHEXAENOIC ACID , PINUS PINASTER BARK EXTRACT, XANTHAN GUM, EICOSAPENTAENOIC ACID , TOCOPHERYL ACETATE, PHYTOSPHINGOSINE, CURCUMA LONGA (TUMERIC) ROOT EXTRACT .	2.00%	10 + 10 volunteers. 18-65 yrs old. 28 days. Image analysis. Face area.	+60% Skin Barrier Function Recovery. -21% Redness Area Reduction.	 WATER DISPERSIBLE	0.756	 CHINA COMPLIANT

<div>Advanced Lipid Technology</div>		<div>SKIN CARE</div> <div>PhytosteCol / Liposomes</div> <div>Advanced Lipid Technology</div> <div> PhytosteCol / Enhanced stability with phytosterol-based liposomes. Delivery system resembling cellular membranes, consisting of a phospholipid bilayer and inserted phytosterol molecules. These capsules show a dual-nature: (i) active, because of the presence of the hero ingredient, phytosterol, released upon capsule degradation and (ii) delivery system, be within the bilayer that allows additional flexibility in the adjacent chains, improving the penetration ability. </div> <div> Liposomes (LPD) / A versatile, classic delivery system. Delivery system resembling cellular membranes, consisting of a phospholipid bilayers. These capsules release the active upon capsule degradation, enhance active penetration and re-lipidize the skin once fatty acids are absorbed after active delivery. </div>							
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI 		
PhytosteCol COX0001	Anti-Aging. Hydration.	Hydration. Sensitive Skin. Skin Barrier.	WATER (AQUA), GLYCERIN, LECITHIN, BETA-SITOSTEROL , XANTHAN GUM, ASCORBYL PALMITATE.	2.00%	10 volunteers. 21-27 yrs old. 28 days. vs 10 volunteers. 63-69 yrs old. 28 days.	Re-establish optimal sterol levels. Skin barrier. Recovery after insult. Maximum hydration levels.	 WATER DISPERSIBLE	0.890	 CHINA COMPLIANT
LPD Multivitamin HD0006PF	Energizing.	Anti-Aging. Premature Aging. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, TOCOPHERYL ACETATE, GLYCERYL LINOLEATE, GLYCERYL LINOLENATE, RETINYL PALMITATE, SODIUM ASCORBYL PHOSPHATE, XANTHAN GUM.	2.00% - 5.00%	15 volunteers. 28 days. Silicon replica. Face area.	-25% Eye Contour. Anti-Wrinkle Effect. Collagen Synthesis.	 WATER DISPERSIBLE	0.866	 CHINA COMPLIANT
LPD Lightening HD0004PF	Whitening.	Antioxidant. Even Tone. Premature Aging. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, SODIUM ASCORBYL PHOSPHATE , XANTHAN GUM.	2.00% - 5.00%	-	-	 WATER DISPERSIBLE	0.861	 CHINA COMPLIANT
LPD Kojic Acid HD0007PF	Whitening.	Even Tone. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, KOJIC ACID , XANTHAN GUM.	2.00% - 5.00%	-	-	 WATER DISPERSIBLE	0.854	 CHINA COMPLIANT
LPD Hyaluronic Acid 1% HD0027PF	Moisturizing.	Hydration. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, HYALURONIC ACID , XANTHAN GUM.	2.00% - 5.00%	-	-	 WATER DISPERSIBLE	0.884	 CHINA COMPLIANT
LPD Slimming HD0003PF	Slimming.	Anti-Cellulite. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LAMINARIA DIGITATA EXTRACT, HEDERA HELIX (IVY) LEAF EXTRACT , LECITHIN, PROPYLENE GLYCOL, CAFFEINE , XANTHAN GUM.	2.00% - 5.00%	15 volunteers. 30-75 yrs old. 28 days.	-2.3 cm. Contour. 17.5% Less infiltrated fat.	 WATER DISPERSIBLE	0.888	 CHINA COMPLIANT
LPD Vitamin A 3% HD0032PF	Anti-Aging.	Anti-Wrinkle. Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, RETINYL PALMITATE , XANTHAN GUM.	2.00% - 5.00%	-	-	 WATER DISPERSIBLE	0.859	 CHINA COMPLIANT
3D Hydra APS APS001PF	Hydration.	Skin Barrier.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, XANTHAN GUM, OLEIC ACID, C.I. 77491 (Iron Oxide) .	2.00% - 5.00%	15 volunteers. 30 min - 24 hrs. Corneometry.	+37% Hydration level after 1h. +8% Hydration level after 24 hrs.	 WATER DISPERSIBLE	0.888	 CHINA COMPLIANT

Lipid Carriers NLC







SKIN CARE

Wax Capsules








Lipid Carriers NLC







The best solution to stabilize and deliver oil compounds.

Delivery system consists of a dense and elastic lipid network made of Carnauba Wax and able to dissolve lipophilic active. These natural capsules are excellent because of their less ordered solid lipid matrix, allowing greater encapsulation of lipophilic active ingredients.









Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage *		NI		
vitAlease 3.3 CAL0007	Anti-Aging.	Anti-Acne. Eye Contouring.	WATER (AQUA), COPENICIA CERIFERA CERA, GLYCERIN, PROPANEDIOL, RETINOL , POLYSORBATE-20, HELIANTHUS ANNUUS SEED OIL, DISODIUM COCOAMPHODIACETATE, TOCOPHEROL, XANTHAN GUM, ETHYL FERULATE, HUMULUS LUPULUS EXTRACT.	1.00% - 14.00%	BHT / BHA Free	 WATER DISPERSIBLE	0.801	 CHINA COMPLIANT
vitAlease 7.0 CAL0004	Anti-Aging.	Anti-Acne. Eye Contouring.	WATER (AQUA), COPENICIA CERIFERA CERA, RETINOL , GLYCERIN, PROPANEDIOL, SODIUM COCOAMPHOACETATE, TOCOPHERYL ACETATE, BHT, BHA, XANTHAN GUM.	1.00% - 14.00%	-	 WATER DISPERSIBLE	0.720	 CHINA COMPLIANT

*Typical use levels for Retinol are 0.05% to 1.00% in skin care applications (equals to 1.00% to 14.00% vitAlease).

<div><div>Skin Shuttles</div><div>SKIN CARE</div><div>Shuttles</div><div>Skin Shuttles</div><div>A film-forming, semi-occlusive system loaded with silica microsponges.</div><div>2-in-1 delivery system based on a molecular film and bio-silica particles. Bio-silica particle pores are loaded with active(s) and provide increased penetration together with long-lasting activity, while the film exerts an occlusive effect on skin, protecting the skin and avoiding excessive water loss.</div></div>									
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI		
AquaShuttle HD0001PF	Hydration. Moisturizing.	-	WATER (AQUA), GLYCERIN, SORBITOL, LAMINARIA DIGITATA EXTRACT , LECITHIN, XANTHAN GUM, DIATOMACEOUS EARTH .	2.00% - 8.00%	15 volunteers. 1 min - 24 hrs. Corneometry. Face area.	+22% Hydration in 1 hour. +48% Hydration in 12 hours.	 WATER DISPERSIBLE	0.881	 CHINA COMPLIANT
Regen Plus HD0002PF	Antioxidant.	Anti-Aging. Eye Contouring.	WATER (AQUA), GLYCERIN, ALGAE EXTRACT , GLYCINE SOJA EXTRACT , LECITHIN, XANTHAN GUM, DIATOMACEOUS EARTH .	2.00% - 5.00%	11 volunteers. 28 days.	+78% Skin uniformity. +23% Skin elasticity increase.	 WATER DISPERSIBLE	0.905	 CHINA COMPLIANT
Si-Matrix HD0086PF	Repairing.	Re-Epithelizing. Anti-Wrinkle.	WATER (AQUA), GLYCERIN, SORBITOL, LECITHIN, XANTHAN GUM, METHYLSILANOL MANNURONATE , DIATOMACEOUS EARTH .	1.00% - 5.00%	10 volunteers. 30 days. Eye contour area.	Up to 22% Wrinkle Reduction.	 WATER DISPERSIBLE	0.889	 CHINA COMPLIANT

<div><div>Molecular Films</div><div>SKIN CARE</div><div>Ultra Thin Molecular Films</div><div>Molecular Films</div><div>Active-loaded thin functional layers with semi-occlusive properties.</div><div>Made of vegetal polymers, this novel delivery system guarantees the stability of actives without oxidizing and enhances their cutaneous absorption. This particular administration system, called molecular film, is a thin functional layer that easily extends over the epidermis favoring cutaneous absorption of the actives.</div></div>									
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage			NI		
UTMF Ceramide III TW0001PF	Skin Barrier Function.	Hydration. Conditioner.	CYCLOPENTASILOXANE, CAPRYLIC/CAPRIC TRIGLYCERIDE, DIMETHICONOL, LECITHIN, PHYTOSPHINGOSINE* . <small>*Also CERAMIDE III in China and CERAMIDE NP in EU/USA/Japan.</small>	2.00% - 15.00%			 WATER DISPERSIBLE	-	 CHINA COMPLIANT
UTMF Ceramide III Silicone Free TW0044	Skin Barrier Function.	Hydration. Conditioner.	ISOHEXADECANE, ETHYLHEXYL COCOATE, LECITHIN, PHYTOSPHINGOSINE* . <small>*Also CERAMIDE III in China and CERAMIDE NP in EU/USA/Japan.</small>	2.00% - 15.00%			 WATER DISPERSIBLE	-	 CHINA COMPLIANT
UTMF Retinol TW0002PF	Anti-Wrinkle.	Anti-Acne. Anti-Aging.	CYCLOPENTASILOXANE, CAPRYLIC/CAPRIC TRIGLYCERIDE, DIMETHICONOL, GLYCINE SOJA OIL , LECITHIN, RETINOL .	2.00% - 15.00%			 WATER DISPERSIBLE	-	 CHINA COMPLIANT

<div> <div> </div> <div> <div>HAIR CARE</div> <div>Hair Micro Adhesives / NosilFix</div> <div>Delivery Systems for Hair</div> </div> <div> <div>Hair Micro Adhesives / Leave-on properties also in rinse-off applications.</div> <div> To develop a delivery system for hair with excellent substantivity, coacervation techniques are used. This is a process of coating active ingredients, in the form of molecules, solid particles or liquid globules, with materials of different nature, to give rise to submicron sized particles that contain active ingredients with different functions (photoprotector, nutritive, conditioner), designed to achieve a better fixation and performance of the mentioned active principles in the hair fiber protecting the skin and avoiding excessive water loss. </div> <div> <div>NosilFix / A new generation of alternatives for silicone-based fluids.</div> <div> NosilFix introduces a technology that creates an extremely pleasant, almost invisible, lightweight shield on the hair. Based on natural polisaccharides and silica microparticles, it becomes a brand new, silicone-free, natural (NOI*: 0.99) and invisible ally that protects and repairs hair with extreme care. It controls moisture vapor flux, which means less frizz and hair style lasts longer protecting the skin and avoiding excessive water loss. </div> </div> </div> </div>									
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo	Efficacy	NI		
HMA UV Shell HM0001PF	UV Protection.	Conditioner. Hair Care.	WATER (AQUA), ETHYLHEXYL METHOXYCINNAMATE, CAMELLIA SINENSIS LEAF EXTRACT , BEHENTRIMONIUM CHLORIDE, PPG-15 STEARYL ETHER, POLYQUATERNIUM-68, HYDROXYPROPYL GUAR, TOCOPHERYL ACETATE .	1.00%	15 volunteers. Shampoo. 1 and 5 washing cycles test.	Up to 30% Hair fracture resistance increase.		0.904	
HMA Silky HM0002PF	Hair Care.	Hydration.	WATER (AQUA), HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT , BEHENTRIMONIUM CHLORIDE, PPG-15 STEARYL ETHER, POLYQUATERNIUM-68, HYDROXYPROPYL GUAR, PHENYL TRIMETHICONE, GLYCERYL LINOLEATE, GLYCERYL LINOLENATE, PHYTOSPHINGOSINE* . <small>*Also CERAMIDE III in China and CERAMIDE NP in EU/USA/Japan.</small>	1.00%	15 volunteers. Hydration levels (water retention) up to 3 hrs.	Up to 29% Hair fracture resistance increase.		0.930	
HMA Conditioner HM0003PF	Conditioner.	Hair Care.	WATER (AQUA), COCOTRIMONIUM METHOSULFATE, BEHENTRIMONIUM CHLORIDE, PPG-15 STEARYL ETHER, POLYQUATERNIUM-68, HYDROXYPROPYL GUAR, PANTHENOL , DIMETHICONE .	1.00%	-	-		0.943	
HMA Keratin HM0009PF	Repairing.	Conditioner. Hair Care.	WATER (AQUA), COCOTRIMONIUM METHOSULFATE, KERATIN AMINO ACIDS , BEHENTRIMONIUM CHLORIDE, PPG-15 STEARYL ETHER, POLYQUATERNIUM-68, HYDROXYPROPYL GUAR.	1.00%	-	-		0.953	
NosilFix Anti-Frizz HD0432	Hydration.	Conditioner. Hair Care.	WATER (AQUA), CHONDRUS CRISPUS EXTRACT , GLYCERIN, LECITHIN, ALOE BARBADENSIS LEAF JUICE , XANTHAN GUM, DIATOMACEOUS EARTH.	1.50%	Human hair strands x 3 Normal and extreme wet conditions test. Anti-frizz effect.	Up to 34% Frizz reduction in extreme conditions of humidity		0.938	

<div>Delivery Systems for Scalp</div>		<div>HAIR CARE</div> <div>Shuttles / Liposomes / Ultra Thin Molecular Films</div> <div>Delivery Systems for Scalp</div> <div> <p>Shuttles / A film-forming, semi-occlusive system loaded with silica microsponges. 2-in-1 delivery system based on a molecular film and bio-silica particles. Bio-silica particle pores are loaded with active(s) and provide increased penetration together with long-lasting activity, while the film exerts an occlusive effect on skin, protecting the skin and avoiding excessive water loss.</p> <p>Liposomes (LPD) / A versatile, classic delivery system. Delivery system resembling cellular membranes, consisting of a phospholipid bilayers. These capsules release the active upon capsule degradation, enhance active penetration and re-lipidize the skin once fatty acids are absorbed after active delivery.</p> <p>Ultra Thin Molecular Films / Active-loaded thin functional layers with semi-occlusive properties. Made of vegetal polymers, this novel delivery system guarantees the stability of actives without oxidizing and enhances their cutaneous absorption. This particular administration system, called molecular film, is a thin functional layer that easily extends over the epidermis favoring cutaneous absorption of the actives.</p> </div>							
Product Name (Code)	Main Activity Claim	Secondary Claims	INCI (Actives in bold)	Dosage	In-Vivo 	Efficacy	NI 		
Multivit Shuttle HD0009PF	Anti-Aging.	Antioxidant. Conditioner.	WATER (AQUA), GLYCERIN, SORBITOL, HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT , LECITHIN, XANTHAN GUM, PANTHENOL, TOCOPHERYL ACETATE, GLYCERIL LINOLEATE, GLYCERIL LINOLEATE, DIATOMACEOUS EARTH.	2.00%	15 volunteers 20-60 yrs old. 30 min application. 1 and 5 washing cycles. Hair tensile strength.	+24% Hair strength compared to placebo.	 WATER DISPERSIBLE	0.870	 CHINA COMPLIANT
3D Complex HD0205PF	Hydration.	Repairing. Conditioner. Skin Barrier.	WATER (AQUA), ALOE BARBADENSIS LEAF EXTRACT , GLYCERIN, SORBITOL, LECITHIN, PANTHENOL, XANTHAN GUM, GLYCERYL LINOLEATE, TOCOPHERYL ACETATE, DIATOMACEOUS EARTH, GLYCERYL LINOLENATE, HAMAMELIS VIRGINIANA (WITCH HAZEL) LEAF EXTRACT .	1.00%	10 volunteers 20-60 yrs old. 1 and 5 washing cycles. Hair hydration levels.	x 6 Hydration levels Encapsulated actives vs free actives.	 WATER DISPERSIBLE	0.870	 CHINA COMPLIANT
UTMF Ceramide III TW0001PF	Skin Barrier Function.	Hydration. Conditioner.	CYCLOPENTASILOXANE, CAPRYLIC/CAPRIC TRIGLYCERIDE, DIMETHICONOL, LECITHIN, PHYTOSPHINGOSINE* .	2.00% - 15.00%	-	-	 WATER DISPERSIBLE	-	 CHINA COMPLIANT

*Also CERAMIDE III in China and CERAMIDE NP in EU/USA/Japan.

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