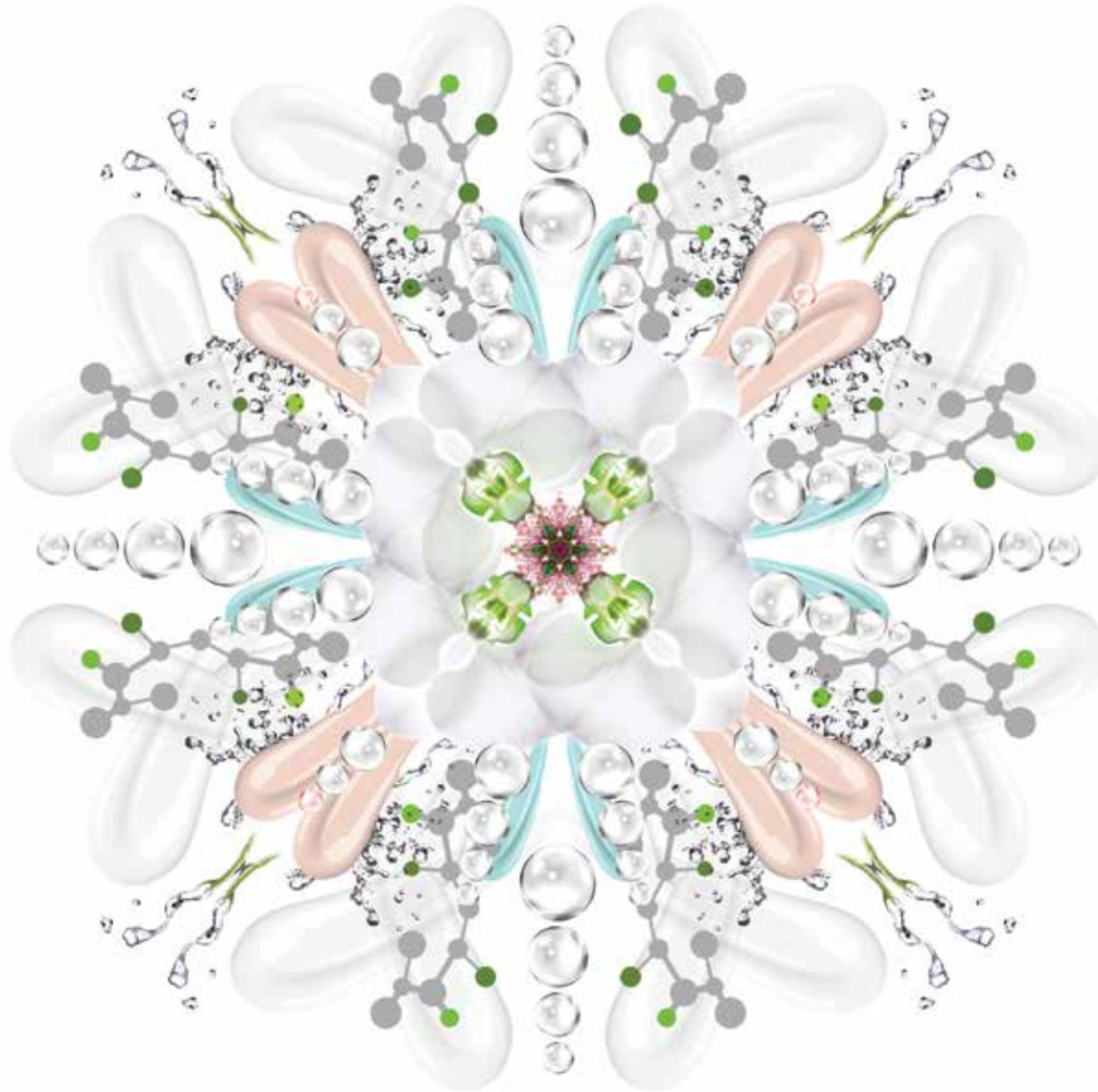
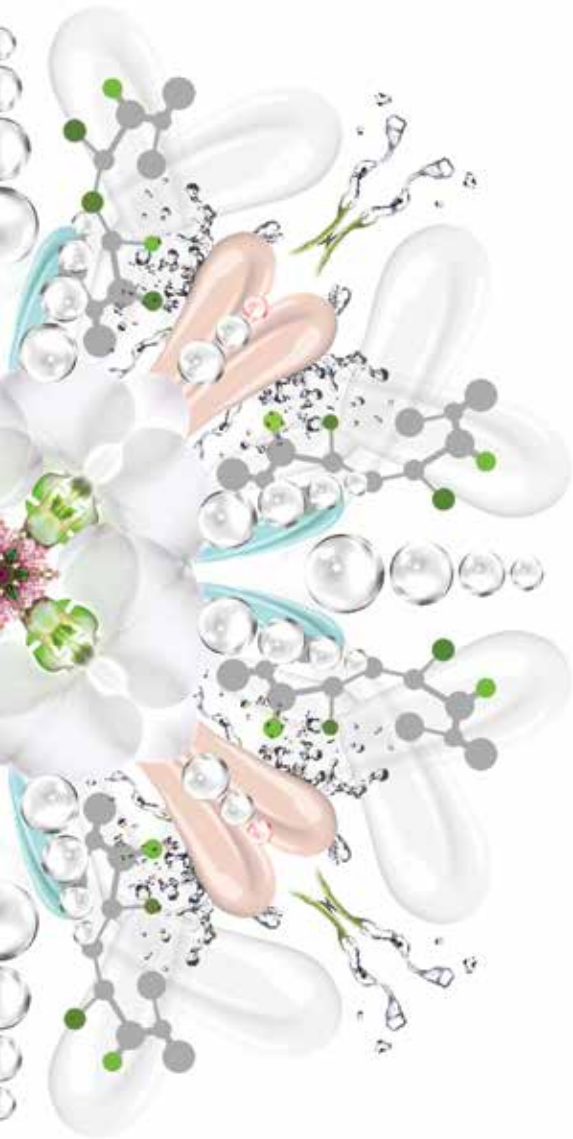




LUCASMEYER
COSMETICS



INSPIRING
INGREDIENTS



JOIN THE SPIRIT

Innovating in personal care should not only rely on finding new ingredients. At Lucas Meyer Cosmetics', we believe it is first and foremost about using the right ingredients in the smartest possible way. This is the reason why our ingredients' portfolio is primarily an invitation to share with us a different idea of product development. An invitation to design formulas where the concepts of biomimetism, functional performance, precision delivery and sensory experience, intertwine together to produce unparalleled consumer benefits. An invitation to engage fruitful, sustainable and creative relationships where our mutual expertise merged with our passion to nurture a unique and successful sense of innovation.

Lucas Meyer Cosmetics is the business unit of International Flavors & Fragrances Inc. (IFF) which develops, manufactures and markets innovative ingredients for the cosmetic and personal care industry.

SUMMARY

ACTIVE INGREDIENTS

- Anti-Aging / Anti-Wrinkle / Cell Turnover
- Anti-Cellulite / Slimming
- Dark Circles & Eye Puffiness
- Detoxifying / Anti-Pollution
- Moisturizing / Daily Protection / Skin Barrier
- Sebum Regulation / Acne-Prone Skin
- Skin Radiance / Skin Lightening - Whitening / Anti-Dark Spot
- Soothing / Anti-Inflammatory / Sensitive Skin
- Sunless Tanning / Tan Accelerator / Sun Care
- Hair Care

AUSTRALIAN INGREDIENTS

- Tea Tree Derivatives
- Vegetable Oils
- Exfoliants
- Plant Extracts

FUNCTIONAL INGREDIENTS

- Emulsifiers
- Gelling agents with emulsifying properties

DELIVERY SYSTEMS

- Vectorized Products
- Technologies

 A number of products are also available in a preservative-free and paraben-free version.

 Many of our ingredients are Cosmos registered.

 Organic certified by Ecocert Greenlife according to Cosmos-standard

 Ecofriendly

 China-Compliant

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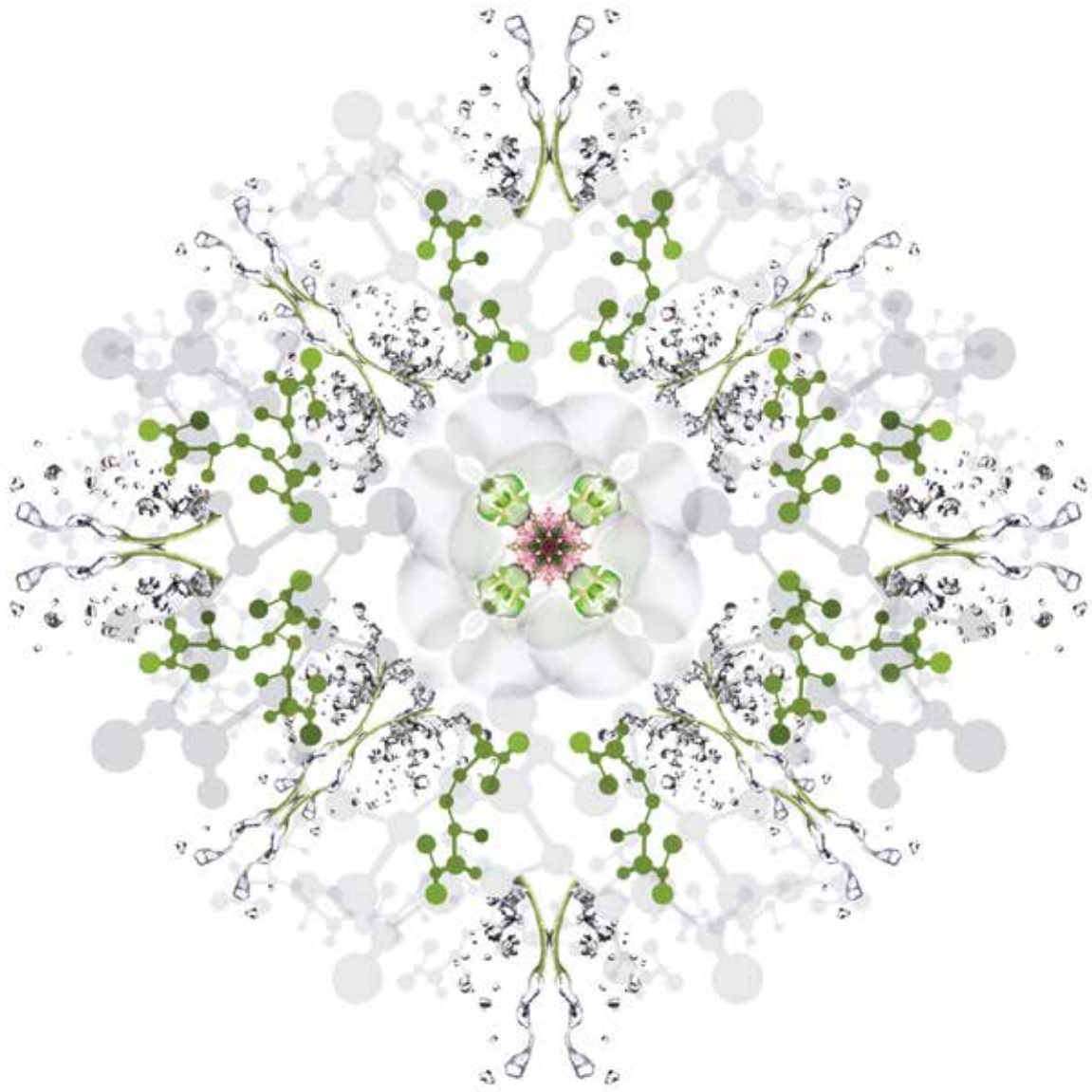
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4

ACTIVE INGREDIENTS

Whether addressing aging processes, skin and hair protection, complexion enhancement or perfection of body silhouette, Lucas Meyer Cosmetics R&D platforms provide biologists and cosmetic chemists with comprehensive ranges of innovative solutions. With a special attention paid to maintaining the skin natural homeostasis, we focus our developments on mode of actions capable of enhancing the skin own natural strengths. All our products - marine and botanical extracts, biomimetic peptides and biotech active ingredients - are extensively substantiated and aim at challenging the limits of bio-efficiency in personal care.




















ANTI-AGING / ANTI-WRINKLE / CELL TURNOVER











PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Adipofill'in™   	L-Ornithine vectorized in a ionosome™	Water (and) Propanediol (and) Ornithine (and) Phospholipids (and) Glycolipids	•		•	•	<ul style="list-style-type: none"> • Activates HIF1-α • Stimulates adipocyte anabolism • Decreases fatty acids release 	<ul style="list-style-type: none"> • Lipofilling-like action • Decreases nasogenian wrinkles • Facial rejuvenation • Increases breast volume 	0.5-2%
Aldavine™ Aldavine™ 5x 	Combination of 2 sulphated polysaccharides extracted from algae harvested in a pollutant-free environment	Water (and) Hydrogenated Starch Hydrolysate (and) Ascophyllum Nodosum Extract (and) Asparagopsis Armata Extract 5x: Sorbitol (and) Water (and) Ascophyllum Nodosum Extract (and) Asparagopsis Armata Extract	•		•	•	<ul style="list-style-type: none"> • VEGF & PGE₂ inhibitor • MMP-2 inhibitor • Angiogenesis inhibitor 	<ul style="list-style-type: none"> • Maintains microcapillary integrity upon UV exposure • Increases skin elasticity & resiliency 	1-5% 5x : 0.2-1%
ChroNoline™   * <small>*Please consult us</small>	Biomimetic lipopeptide derived from a signal peptide	Glycerin (and) Water (and) Dextran (and) Caprooyl-Tetrapeptide-3	•	•	•	•	<ul style="list-style-type: none"> • Stimulates the production of key components at the dermo-epidermal junction (collagen VII, laminin-5 & fibronectin) 	<ul style="list-style-type: none"> • Reduces fine lines & wrinkles after 28 days • Provides a continuous long term reduction of fine lines & wrinkles in mature skin • Rejuvenates aging skin • Makes the skin smoother, firmer, more even for a younger rested look • Helps reduce the appearance of stretch marks 	0.3-2.5%
Drieline™  	Polysaccharide extracted from <i>Saccharomyces cerevisiae</i> (baker's yeast)	Hydrogenated Starch Hydrolysate (and) Yeast Extract	•	•	•	•	<ul style="list-style-type: none"> • Stimulates collagen synthesis 	<ul style="list-style-type: none"> • Reinforces the natural skin defenses • Protects against UV radiations • Reduces skin erythema • Accelerates skin repair & healing • Helps reduce the appearance of stretch marks 	0.5-3%
Elix-IR™    	Knotgrass extract rich in flavonoids	Water (and) Glycerin (and) Polygonum Aviculare Extract	•	•	•		<ul style="list-style-type: none"> • Inhibits Cathepsin G • Inhibits MMP-1 activity • Protects fibrillin-1 from UV damage • Protects tropoelastin from IR damage 	<ul style="list-style-type: none"> • Fights InfraAging™ • Protects fibers of papillary and reticular dermis • Enhances skin firmness and elasticity • Reduces the appearance of wrinkles 	0.5-2%
Exo-T™  	Exopolysaccharide from Kopara (microorganisms mat) living in unique ecosystem in the rims of French Polynesian atolls	Butylene Glycol (and) Vibrio Alginolyticus Ferment Filtrate	•	•	•		<ul style="list-style-type: none"> • Stimulates the desquamation markers (KLK5, KLK6, KLK7) & differentiation markers (involucrin & filaggrin) & transglutaminase expression 	<ul style="list-style-type: none"> • Has higher activity than retinoic acid in the stimulation of desquamation process • Regenerates the skin for a smoother and even skin appearance • Optimizes skin tensile strength & resilience for a better skin texture • Helps reduce the appearance of stretch marks 	1-3%
Isoflavones 150    	Soybean isoflavones	Glycine Soja (Soybean) Germ Extract	•		•		<ul style="list-style-type: none"> • Reduces collagen glycation • Decreases skin blood flow 	<ul style="list-style-type: none"> • Adapted to mature skin care • Decreases wrinkles • Decreases skin redness 	1-3%

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Kollaren™ 	Biomimetic peptide derived from a signal peptide	Water (and) Dextran (and) Tripeptide-1	.			.	<ul style="list-style-type: none"> Stimulates the production of the ECM components (collagen I & III, fibronectin, elastin & laminin) 	<ul style="list-style-type: none"> Increases skin firmness Improves tissue renewal & healing 	1-10%
Lanablue™ Lanablue™ Paraben free 	Extracted from a blue-green algae from the Cascadia region	Hydrogenated Starch Hydrolysate (and) Water (and) Aphanizomenon Flos-aquae Extract	.			.	<ul style="list-style-type: none"> Retinoid-like activity without the sides effects 	<ul style="list-style-type: none"> Reduces the appearance of wrinkles Smoothes the skin 	1-3%
Lime Pearl™ Lime Pearl™ AF <small>*Please consult us</small>	New generation of AHAs extracted from the Caviar Lime which originates from the Australian sub-tropical rainforests	Lime Pearl™: Glycerin (and) Water (and) Alcohol Denat. (and) Microcitrus Australasica Fruit Extract Lime Pearl™ AF: Glycerin (and) Water (and) Microcitrus Australasica Fruit Extract	.			.	Exfoliation activity due to the stimulation of TRPV3 synthesis	<ul style="list-style-type: none"> Induces gentle skin exfoliation for a smoother, brighter and even skin complexion 	1-2%
Progeline™ 	Biomimetic peptide derived from Elafin	Glycerin (and) Water (and) Dextran (and) Trifluoroacetyl Tripeptide-2	.	.	.	.	<ul style="list-style-type: none"> Reduces progerin synthesis Inhibits MMPs and elastase Increases syndecan Contracts collagen 	<ul style="list-style-type: none"> Reduces signs of aging: sagging and wrinkles Remodelling effect Improves the jaw line 	0.5-2%
Riboxy™ 	Pure ribose obtained from corn seed by biotechnology	Ribose	.			.	<ul style="list-style-type: none"> Stimulates ATP new synthesis Increases cellular respiration Improves extracellular matrix components synthesis 	<ul style="list-style-type: none"> Energizes and oxygenizes skin Reduces wrinkles Increases skin elasticity Enhances complexion 	0.5-1%
Sculptessence™ 	Polyholosides extracted from flax seeds	Water (and) Glycerin (and) Linum Usitatissimum (Linseed) Seed Extract	.	.	.	.	<ul style="list-style-type: none"> Increases GAGs synthesis Protects collagen from degradation Water reservoir effect Improves fibronectin synthesis 	<ul style="list-style-type: none"> Decreases volume along the jaw line Redesigns face contour Increases skin hydration 	3-5%
Songa™ 	<i>Solidago virgaurea</i> aerial parts extract	Water (and) Solidago Virgaurea (Goldenrod) Extract	.			.	<ul style="list-style-type: none"> Induces type I procollagen synthesis Tensing effect on collagen Free radical scavenger 	<ul style="list-style-type: none"> Strengthens skin tissues & improves firmness & elasticity for a more lifted look Helps repair the skin damaged by shaving 	1-2%
SWT-7™ 	Swertiamarin extracted from Indian gentian leaves	L: Isopropyl Palmitate (and) Lecithin (and) Water (and) Swertia Chirata Extract H: Maltodextrin (and) Swertia Chirata Extract	.	.	.		<ul style="list-style-type: none"> Stimulates keratinocyte growth factor (KGF) production from adipose-derived stem cells (ADSC) Improves keratinocyte proliferation Improves epidermis regeneration and thickness 	<ul style="list-style-type: none"> Resurfaces skin and blurs vertical wrinkles after only 7 days Provides a younger and more restful facial expression Reduces migration of lipstick 	0.5-2%
Thymulen™ 4 	Biomimetic peptide derived from the youth hormone, thymopoietin	Water (and) Dextran (and) Acetyl Tetrapeptide-2	.			.	<ul style="list-style-type: none"> Biomimetic of thymopoietin 	<ul style="list-style-type: none"> Boosts skin regeneration Reinforces cutaneous immune defenses 	2-10%












ANTI-CELLULITE / SLIMMING

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Body³ Complex™     	Unroasted shea butter and avocado seed extracts in bentonite	Bentonite (and) Butyrospermum Parkii (Shea) Butter Extract (and) Persea Gratissima (Avocado) Fruit Extract	•		•	•	<ul style="list-style-type: none"> Activates lipolysis through ZAG pathway Stimulates the production of SKALP Regenerates ECM proteins 	<ul style="list-style-type: none"> Reduces the appearance of cellulite and orange-peel look Enhances firmness Reduces the appearance of stretch marks 	0.1-1%
Ecoslim™    	Natural caffeine vectorized in a complex of phospholipids and a green coffee extract	Caffeine (and) Coffea Arabica (Coffee) Seed Extract (and) Lecithin					<ul style="list-style-type: none"> Lipolytic agent Draining action 	<ul style="list-style-type: none"> Slimming action Allows a high usage level of caffeine No need for alcohol 	up to 5%
Isocell™ Slim Isocell™ Slim NC  	Caffeine vectorized in a phospholipid-based complex	Caffeine (and) Sodium Salicylate (and) Lecithin (and) Silica					<ul style="list-style-type: none"> Lipolytic agent Draining action 	<ul style="list-style-type: none"> Slimming action Allows a high usage level of caffeine No need for alcohol 	2-10%
Lanachrys™ Lanachrys™ 2B PF  	Extracted from <i>Chrysanthellum indicum</i> , an African plant with golden petals	Propylene Glycol (and) Water (and) Chrysanthellum Indicum Extract	•		•	•	<ul style="list-style-type: none"> Binds to $\alpha 2$ receptor to activate lipolysis Free radical scavenger 	<ul style="list-style-type: none"> Reduces the appearance of cellulite Has a draining effect & reduces heavy legs 	1-5%
Sveltessence™    	Longan seed extract concentrated in corilagin	Glycerin (and) Water (and) Nephelium Longana Seed Extract	•				<ul style="list-style-type: none"> Inhibits PAI-1 Inhibits preadipocyte differentiation Inhibits angiogenesis Inhibits MMP-2 synthesis 	<ul style="list-style-type: none"> Helps reduce expansion of adipose tissue 	2-4%

























DETOXIFYING / ANTI-POLLUTION

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Detoxium™     <i>*Please consult us</i>	Nigari salt (magnesium chloride) vectorized in a ionosome™	Water (and) Sea Salt Extract (and) Propanediol (and) Phospholipids (and) Stearoyl Inulin		•			<ul style="list-style-type: none"> Activates P-Glycoprotein activity 	<ul style="list-style-type: none"> Stimulates the elimination of pollutants out of cell Decreases oxidative stress Helps preserve cellular youthfulness 	2-4%
Exo-P™    	Exopolysaccharide from Kopara (microorganisms mat) living in unique ecosystem in the rims of French Polynesian atolls	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	•	•	•	•	<ul style="list-style-type: none"> Reduces PM_{2.5} adhesion onto skin surface Chelates heavy metals Reduces free radical-induced effect Protects skin and cells integrity against toxic chemicals (heavy metals, hydrocarbons) from cigarette smoke and fuel exhaust 	<ul style="list-style-type: none"> Forms a biomimetic shield against urban pollution and smog Protects and cleanses immediately skin exposed to polluted indoor and outdoor environment Provides a luminous and healthy looking skin in only 7 days Purifies asphyxiated, dull and devitalized skin Prevents pollution-induced irritation and premature aging 	1-3%
Lanacityn™  	Combination of an African plant and a marine polysaccharide	Butylene Glycol (and) Water (and) Glycerin (and) Alteromonas Ferment Extract (and) Chrysanthellum Indicum Extract	•	•	•	•	<ul style="list-style-type: none"> Free radical scavenger 	<ul style="list-style-type: none"> Protects the skin & its DNA against pollution Improves overall skin complexion Reinforces skin resistance toward environmental insults and prevents water loss 	1-5%






DARK CIRCLES & EYE PUFFINESS

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Aldavine™ Aldavine™ 5X 	Combination of 2 sulphated polysaccharides extracted from algae harvested in a pollutant-free environment	Water (and) Hydrogenated Starch Hydrolysate (and) Ascophyllum Nodosum Extract (and) Asparagopsis Armata Extract 5x: Sorbitol (and) Water (and) Ascophyllum Nodosum Extract (and) Asparagopsis Armata Extract	•		•	•	<ul style="list-style-type: none"> • VEGF & PGE₂ inhibitor • MMP-2 inhibitor • Angiogenesis inhibitor 	• Reduces the appearance of dark circles and under eye bags	1-5% 5X: 0.2-1%
Ecoslim™    	Caffeine vectorized in a complex of phospholipids and a green coffee extract	Caffeine (and) Coffea Arabica (Coffee) Seed Extract (and) Lecithin	•				<ul style="list-style-type: none"> • Activates lipolysis • Draining action 	• Helps reduce the appearance of dark circles and under eye bags	0.5%
Isocell™ Slim Isocell™ Slim NC  	Caffeine vectorized in a phospholipid-based complex	Caffeine (and) Sodium Salicylate (and) Lecithin (and) Silica	•				<ul style="list-style-type: none"> • Lipolytic agent • Draining action 	• Helps reduce the appearance of dark circles and under eye bags	0.5%
Lanachrys™ Lanachrys™ 2B PF  	Extracted from <i>Chrysanthellum indicum</i> , an African plant with golden petals	Propylene Glycol (and) Water (and) Chrysanthellum Indicum Extract	•		•	•	<ul style="list-style-type: none"> • Binds to α2 receptor to activate lipolysis • Free radical scavenger 	• Reduces the appearance of under eye bags	1-5%
MDI Complex™  	Marine glycosaminoglycans	Glycosaminoglycans	•		•		• MMPs inhibitor	• Reduces the appearance of dark circles	1-5%





MOISTURIZING / DAILY PROTECTION / SKIN BARRIER

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Amisol Trio™    	Bio-lipid complex	Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols			•	•	<ul style="list-style-type: none"> Forms a protective film at the surface of the skin 	<ul style="list-style-type: none"> Restores and protects the skin barrier function Counteracts the drying effect of water and detergents by reinforcing or re-creating a protective film Refattening action 	0.5-3%
Exo-H™  	Exopolysaccharide from Kopara (microorganisms mat) living in unique ecosystem in the rims of French Polynesian atolls	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	•	•	•		<ul style="list-style-type: none"> Induces the production of hyaluronic acid, filaggrin & lipids synthesis 	<ul style="list-style-type: none"> Stimulates skin hydration Protects & restores the skin barrier function to limit excessive water loss Improves natural skin hydration in dry skin 	1-3%
Hydralphatine™ Asia  	Combination of Asian aquatic plants (bamboo, lotus and water lily) with hygroscopic ingredients	Glycerin (and) Propylene Glycol (and) Hydrogenated Starch Hydrolysate (and) Panthenol (and) Bambusa Vulgaris Shoot Extract (and) Nelumbo Nucifera Flower Extract (and) Nymphaea Alba Root Extract				•	<ul style="list-style-type: none"> Hygroscopic composition which maximizes water storage and prevents hydration fluctuations 	<ul style="list-style-type: none"> Long term moisturizing effect The presence of Asian plants stimulates cell renewal 	1-6%
LNST™  	Essential fatty acids from sesame, wheat germ and vitamin E	Caprylic/Capric/Succinic Triglyceride (and) Sesamum Indicum (Sesame) Seed Oil (and) Triticum Vulgare (Wheat) Germ Oil (and) Tocopheryl Acetate				•	<ul style="list-style-type: none"> Emollient composition rich in fatty acids 	<ul style="list-style-type: none"> Protects, moisturizes & smoothes the skin 	2-10%
Sculptessence™    	Polyholosides extracted from flax seeds	Water (and) Glycerin (and) Linum Usitatissimum (Linseed) Seed Extract			•	•	<ul style="list-style-type: none"> High capacity to absorb water 	<ul style="list-style-type: none"> Increases skin hydration 	3-5%
Simulskin™   	Hydrogenated sunflower fatty acids organized in a biomimetic lamellar structure	Water (and) Phospholipids (and) Stearic Acid (and) Palmitic Acid				•	<ul style="list-style-type: none"> Strengthens the cohesion of corneocytes Mimics intercorneocyte cement structure and composition 	<ul style="list-style-type: none"> Immediate and long term skin hydration 	3-5%
Suprem™ WP    <i>*Please consult us</i>	Vegetable milks	Consult us				•	<ul style="list-style-type: none"> Nutritive action due to the high lipid content Specific properties of the selected oil or macerate 	<ul style="list-style-type: none"> Moisturizes and nourishes skin Enhances soft skin feel 	0.5-15%
WildBerry Harvest™ AF  	Bioactive complex derived from three indigenous Australian berries: <ul style="list-style-type: none"> Pepperberry (<i>Tasmannia lanceolata</i>) Riberry (<i>Syzygium luehmanii</i>) Muntari Berry (<i>Kunzea pomifera</i>) 	Glycerin (and) Water (and) Tasmannia Lanceolata Fruit Extract (and) Syzygium Luehmanii Fruit Extract (and) Kunzea Pomifera Fruit Extract	•		•		Free radical scavenging activity	<ul style="list-style-type: none"> Immediate and long term skin hydration Nourishes skin and hair Improves the look of young skin for a radiant and healthy skin 	1-2%
WildPlum Harvest™ AF   <i>*Please consult us</i>	Bioactive complex derived from three indigenous Australian superfruits: <ul style="list-style-type: none"> Kakadu Plum (<i>Terminalia ferdinandiana</i>) Illawarra Plum (<i>Podocarpus elatus</i>) Burdekin Plum (<i>Pleiogynium timorense</i>) 	Glycerin (and) Water (and) Terminalia Ferdinandiana Fruit Extract (and) Podocarpus Elatus Fruit Extract (and) Pleiogynium Timorense Fruit Extract	•		•		Free radical scavenging activity	<ul style="list-style-type: none"> Immediate and long term skin hydration Nourishes skin and hair Rejuvenates aging skin for a younger look 	1-2%

















SEBUM REGULATION / ACNE-PRONE SKIN

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Canadian Willowherb™ 	<i>Epilobium angustifolium</i> plant from the Northern Canadian Prairies	Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract	•		•	•	<ul style="list-style-type: none"> Inhibits <i>P.acnes</i> Free radical scavenger (higher efficacy than Trolox, SOD & vit C) 	<ul style="list-style-type: none"> Soothes acne-prone skin 	1-3%
Linumine™ 	Flax extract standardized in lignans (SDG)	Linum Usitatissimum (Linseed) Seed Extract			•		<ul style="list-style-type: none"> Inhibits 5-α reductase activity 	<ul style="list-style-type: none"> Decreases sebum production Decreases cutaneous lesions 	0.5-1%
Matipure™ Oil Free 	Microparticle complex charged (or not) with treating vegetable oils	Magnesium Aluminum Silicate (and) Hydroxyethylcellulose (and) Phospholipids			•		<ul style="list-style-type: none"> Sebum exchanger Absorption of excess sebum 	<ul style="list-style-type: none"> Decreases sebum rate after 1h Matifies skin 	1-5%
Miniporyl™  	Red clover flower extract, titrated in Biochanin A	Isopentyldiol (and) Trifolium Pratense (Clover) Flower Extract	•		•	•	<ul style="list-style-type: none"> Improves keratinocyte differentiation (involucrin, filaggrin, keratin 10) Inhibits 5-α reductase activity Inhibits sebum accumulation in sebocytes Improves skin contraction properties (astringent action) 	<ul style="list-style-type: none"> Decreases sebum production Reduces the appearance of conspicuous pores 	0.5-2%

SKIN RADIANCE / SKIN LIGHTENING - WHITENING / ANTI-DARK SPOT




PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	Cl	Co			
β-White™ 	TGF-β biomimetic peptide encapsulated in phospholipids liposome	Water (and) Butylene Glycol (and) Hydrogenated Lecithin (and) Sodium Oleate (and) Oligopeptide-68 (and) Disodium EDTA	•		•	•	<ul style="list-style-type: none"> Reduces the MITF factor to decrease both the constitutive and facultative pigmentation pathways 	<ul style="list-style-type: none"> Decreases tyrosinase activity and melanin synthesis to reduce overall skin pigmentation Induces skin lightening effect after only 4 weeks Reduces the appearance of pigmented spots Provides a progressive brightening effect for a more uniform complexion Lightening activity proven on Asian skin Reduces age spots on hands and neck line after only 14 days 	0.5-5%
Melanostatine™ 5 	Biomimetic peptide antagonist of α-MSH	Water (and) Dextran (and) Nonapeptide-1	•			•	<ul style="list-style-type: none"> Antagonist of α-MSH 	<ul style="list-style-type: none"> Lightening activity proven on Asian skin Prevents hyperproduction of melanin 	4-8%
Superox-C™ Superox-C™ AF 	Extracted from the Kakadu Plum the richest source of vitamin C (Superfruit)	Superox-C™: Glycerin (and) Water (and) Alcohol Denat. (and) Terminalia Ferdinandiana Fruit Extract Superox-C™ AF: Glycerin (and) Water (and) Terminalia Ferdinandiana Fruit Extract	•		•		<ul style="list-style-type: none"> Free radical scavenger due to high vitamin C and polyphenol contents Induces vitamin C transporter (SVCT-1) synthesis on skin cells Stimulates pro-collagen I and hyaluronic acid synthesis 	<ul style="list-style-type: none"> Reduces the appearance of wrinkles Fights and protects the skin against oxidative stress Boosts skin radiance and luminosity Improves skin tone evenness with an overall brightening effect 	1-2%
Tyrostat™ 	Wild crafting of Rumex species from Northern Canadian Prairies	09: Water (and) Glycerin (and) Rumex Occidentalis Extract 11: Water (and) Glycerin (and) Rumex Occidentalis Extract (and) Ascorbic Acid	•			•	<ul style="list-style-type: none"> Tyrosinase inhibitor (higher activity than arbutin, turmeric, hydroquinone) 	<ul style="list-style-type: none"> Reduces skin pigmentation & erythema Reduces the appearance of age spots Lightening activity proven on Asian skin 	1-3%

SOOTHING / ANTI-INFLAMMATORY / SENSITIVE SKIN


























PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Abyssine™  	Exopolysaccharide from an extremophil living in deepsea hydrothermal vents	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	.	.	.	.	<ul style="list-style-type: none"> Reduces the expression of ICAM-1 (a skin stress marker involved in skin reactivity) 	<ul style="list-style-type: none"> Reduces irritation in sensitive skin Increases resistance to mechanical & sun aggressions Reduces skin reactivity & intolerance Protects the skin against UV damage & reduces skin erythema caused by UV Soothing effect & better healing of «microcuts» caused by shaving Activates skin repair and restructuring processes 	0.5-5%
Canadian Willowherb™  	<i>Epilobium angustifolium</i> plant from the Northern Canadian Prairies	Water (and) Epilobium Angustifolium Flower/Leaf/ Stem Extract	.	.	.	.	<ul style="list-style-type: none"> Inhibits <i>P. acnes</i> Free radical scavenger (higher efficacy than Trolox, SOD & vit C) 	<ul style="list-style-type: none"> Reduces irritations induced by chemicals and UV (within 30 minutes of use) 	1-3%
EUK-134™  	Mimetic of SOD & catalase enzymes	Ethylbisiminomethylguaicol Manganese Chloride	.	.	.	.	<ul style="list-style-type: none"> Scavenges superoxide free radical, eliminates hydrogen peroxide and transforms ROS into water & oxygen 	<ul style="list-style-type: none"> Reduces erythema and skin damage caused by UV Protects against UV-induced DNA damage 	0.01-0.05%
Lanatellis™ 	Synergistic combination of an Asian green tea and an African plant	Glycerin (and) Water (and) Chrysanthellum Indicum Extract (and) Camellia Sinensis Leaf Extract	.	.	.	.	<ul style="list-style-type: none"> Free radical scavenger 	<ul style="list-style-type: none"> Protects & repair hair damage caused by UV exposure Anti-rosacea effect Reduces redness & improves skin complexion 	1-5%
MelinOIL™  	Oil-soluble version of α -MSH biomimetic peptide	Isopropyl Palmitate (and) Lecithin (and) Water (and) Acetyl Hexapeptide-1	.	.	.	.	<ul style="list-style-type: none"> Agonist of MC1-R Stimulates tyrosinase activity, melanin synthesis and melanocyte dendricity Protects and repairs DNA damage caused by UV exposure (UVA & UVB) Reduces the inflammatory cascade 	<ul style="list-style-type: none"> Strengthens the natural skin photoprotection Enhances skin pigmentation Reduces skin erythema and soothes sun-ravaged skin Limits photoaging and premature aging 	0.5-5%
Melitane™  	α -MSH biomimetic peptide	Glycerin (and) Water (and) Dextran (and) Acetyl Hexapeptide-1	.	.	.	.	<ul style="list-style-type: none"> Agonist of MC1-R Stimulates tyrosinase activity, melanin synthesis and melanocyte dendricity Protects and repairs DNA damage caused by UV exposure (UVA & UVB) Reduces the inflammatory cascade 	<ul style="list-style-type: none"> Strengthens the natural skin photoprotection Enhances skin pigmentation Reduces skin erythema and soothes sun-ravaged skin Limits photoaging and premature aging 	0.5-5%
Neutrazen™  	Lipopeptide derived from a neuromediator	Water (and) Butylene Glycol (and) Dextran (and) Palmitoyl Tripeptide-8	.	.	.	.	<ul style="list-style-type: none"> Biomimetic of neuromediator (POMC) 	<ul style="list-style-type: none"> Prevents & reverses signs of neurogenic inflammation Calms & soothes irritated skin Helps to maintain & restore a normal skin sensitivity threshold 	0.3-2.5%
Tazman Pepper™ Tazman Pepper™ AF    *	Extracted from the Tasmanian Pepper fruit native to the cool temperate forest of South eastern Australia and Tasmania	Tazman Pepper™: Glycerin (and) Water (and) Alcohol Denat. (and) Tasmannia Lanceolata Fruit Extract Tazman Pepper™ AF: Glycerin (and) Water (and) Tasmannia Lanceolata Fruit/ Leaf Extract	.	.	.	.	<ul style="list-style-type: none"> Inhibits the skin discomfort sensor TRPV1 activity Reduces inflammation markers 	<ul style="list-style-type: none"> Immediate relieve of itching and burning sensations Reduces the appearance of skin redness For better skin comfort 	1-2%

*Please consult us

SUNLESS TANNING / TAN ACCELERATOR / SUN CARE

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Elix-IR™ 	Knotgrass extract rich in flavonoids	Water (and) Glycerin (and) Polygonum Aviculare Extract	•	•	•	•	<ul style="list-style-type: none"> Inhibits Cathepsin G Inhibits MMP-1 activity Protects fibrillin-1 from UV damage Protects tropoelastin from IR damage 	<ul style="list-style-type: none"> Fights Infra'Ageing™ Protects fibers of papillary and reticular dermis Enhances skin firmness and elasticity Reduces the appearance of wrinkles 	0.5-2%
MelinOIL™ 	Oil-soluble version of α-MSH biomimetic peptide	Isopropyl Palmitate (and) Lecithin (and) Water (and) Acetyl Hexapeptide-1	•	•	•	•	<ul style="list-style-type: none"> Agonist of MC1-R Stimulates tyrosinase activity, melanin synthesis and melanocyte dendricity Protects and repairs DNA damage caused by UV exposure (UVA & UVB) Reduces the inflammatory cascade 	<ul style="list-style-type: none"> Strengthens the natural skin photoprotection Enhances skin pigmentation Reduces skin erythema and soothes sun-ravaged skin Limits photoaging and premature aging 	0.5-5%
Melitane™ 	α-MSH biomimetic peptide	Glycerin (and) Water (and) Dextran (and) Acetyl Hexapeptide-1	•	•	•	•	<ul style="list-style-type: none"> Agonist of MC1-R Stimulates tyrosinase activity, melanin synthesis and melanocyte dendricity Protects and repairs DNA damage caused by UV exposure (UVA & UVB) Reduces the inflammatory cascade 	<ul style="list-style-type: none"> Strengthens the natural skin photoprotection Enhances skin pigmentation Reduces skin erythema and soothes sun-ravaged skin Limits photoaging and premature aging 	0.5-5%

HAIR CARE

PRODUCT	DESCRIPTION	INCI	TESTING				MODE OF ACTION	PROPERTIES	DOSAGE
			IV	EV	CI	Co			
Amisol Trio™   	Bio-lipid complex	Phospholipids (and) Glycine Soja (Soybean) Oil (and) Glycolipids (and) Glycine Soja (Soybean) Sterols			•		<ul style="list-style-type: none"> Adheres to hair surface Film-former 	<ul style="list-style-type: none"> Hair conditioner Improves brightness, softness aspect and sensoriality of hair 	0.5-3%
Capixyl™    	Biomimetic signal peptide with red clover extract rich in Biochanin A	Butylene Glycol (and) Water (and) Dextran (and) Acetyl Tetrapeptide-3 (and) Trifolium Pratense (Clover) Flower Extract	•	•	•	•	<ul style="list-style-type: none"> DHT Modulation via inhibition of 5-α reductase Stimulates ECM renewal and anchoring proteins 	<ul style="list-style-type: none"> Provides fuller, thicker and healthier hair and eye lashes Reduces inflammation in the scalp 	0.5-5%
Defenscalp™   	Rosebay extract	Water (and) Epilobium Angustifolium Flower/Leaf/ Stem Extract	•	•	•	•	<ul style="list-style-type: none"> Inhibits 5α- reductase activity Decreases sebum accumulation in sebocytes Modulates the immuno-inflammatory defence system (decrease in TLR2, hBD2, hBD3, IL-8) Reinforces <i>stratum corneum</i> (increase in involucrin) 	<ul style="list-style-type: none"> Decreases sebum production on scalp Reduces the appearance of adherent and non-adherent flakes Soothes scalp irritation 	0.5-2%
MelinOIL™  	Oil-soluble version of α -MSH biomimetic peptide	Isopropyl Palmitate (and) Lecithin (and) Water (and) Acetyl Hexapeptide-1	•	•			<ul style="list-style-type: none"> Agonist of MC1-R Stimulates melanin synthesis 	<ul style="list-style-type: none"> Stimulates hair pigmentation and reverses the gray hair process 	0.5-5%
Melitane™  	α -MSH biomimetic peptide	Glycerin (and) Water (and) Dextran (and) Acetyl Hexapeptide-1	•	•			<ul style="list-style-type: none"> Agonist of MC1-R Stimulates melanin synthesis 	<ul style="list-style-type: none"> Stimulates hair pigmentation and reverses the gray hair process 	0.5-5%
Phytenso™    	Soy phospholipid complex	Phospholipids (and) Glycine Soja (Soybean) Oil			•		<ul style="list-style-type: none"> Sheathing and conditioning properties Forms a protective film 	<ul style="list-style-type: none"> Straightens, disciplines and styles curly and unruly hair even in humid conditions Protects hair from heat (blow dryer, flat iron) Protects the color of dyed hair 	0.5-2%
Sunflohair™    	Sunflower oil and phospholipids	Phospholipids (and) Helianthus Annuus (Sunflower) Seed Oil		•			<ul style="list-style-type: none"> High penetration capacity in hair fiber Free radical scavenger 	<ul style="list-style-type: none"> Protects and repairs hair fibers from the inside Improves combability from root to end Increases and lasts color intensity in dyed hair 	0.5-2%
Suprem™ WP    <small>*Please consult us</small>	Vegetable milks	Consult us			•		<ul style="list-style-type: none"> Nutritive action due to the high lipid content Specific properties of the selected oil or macerate 	<ul style="list-style-type: none"> Moisturizes and nourishes hair Enhances soft skin feel 	0.5-15%



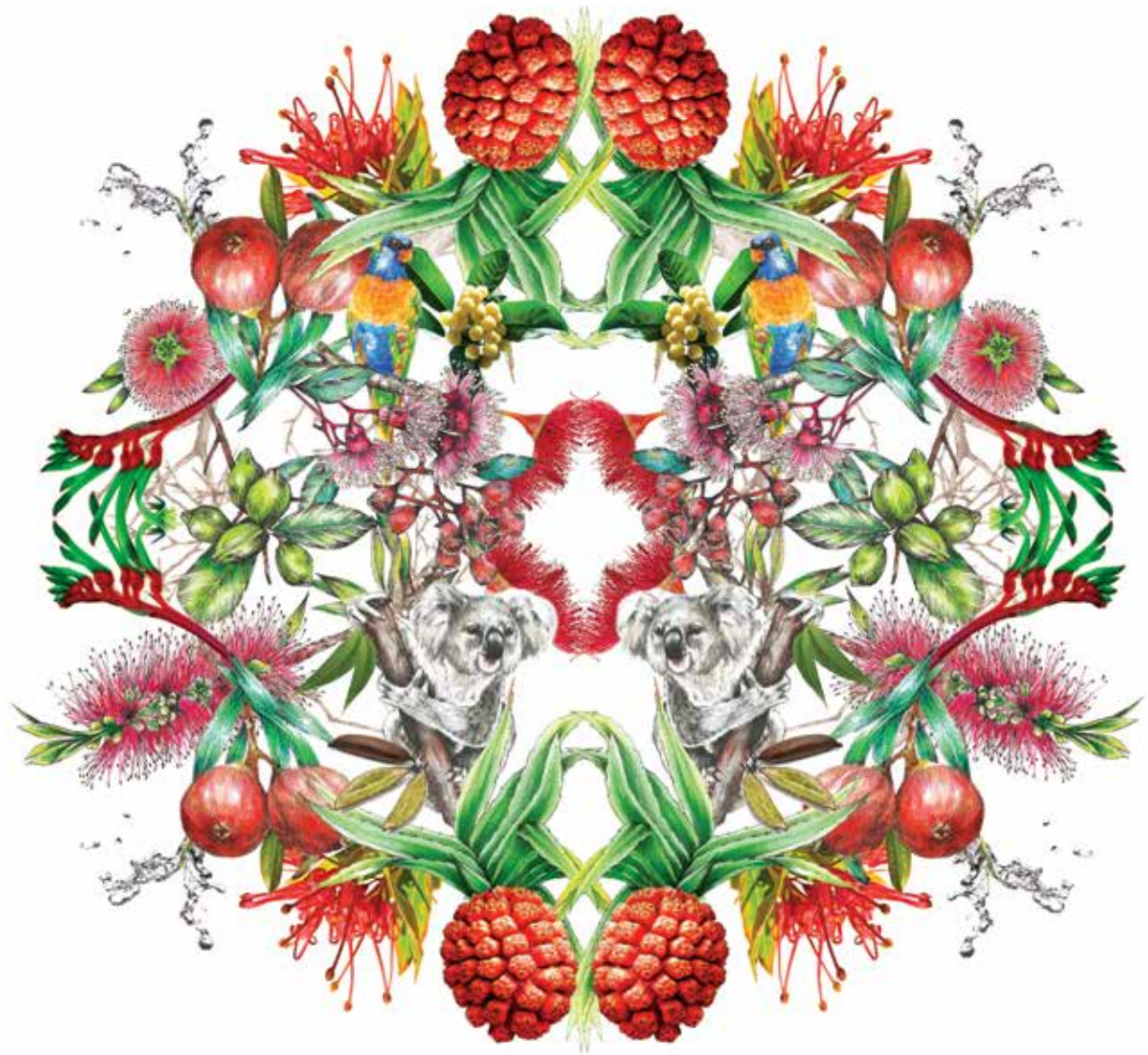
Join the Australian SPIRIT

Southern Cross Botanicals has unlocked the vast potential of Australian **mega-biodiversity** in many different forms: unique superfruit extracts, original complexes, plant oils brimming with antioxidants and essential fatty acids, rare and precious essential oils, etc.

Southern Cross Botanicals uses a wide variety of extraction processes to obtain the most potent elements of each plant and meet strict formulation specifications.

A blooming portfolio of new materials for **pure innovation bliss**

In addition to its standard offer, **Southern Cross Botanicals** provides customized product development services.



TEA TREE DERIVATIVES

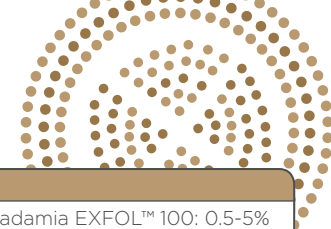
ANTIMICROBIAL / ACNE-PRONE SKIN

PRODUCT	DESCRIPTION	INCI	TESTING		MODE OF ACTION	PROPERTIES	DOSAGE
			IV	CI			
Australian Tea Tree Oil WS PF 🇺🇸	Water-soluble bioactive essential oil extracted by steam distillation of <i>Melaleuca alternifolia</i>	Water (and) PEG 40 Hydrogenated Castor Oil (and) Polysorbate 20 (and) Melaleuca Alternifolia (Tea Tree) Oil	•		Broad-spectrum antimicrobial activity and anti-inflammatory activity due to the presence of the active molecule terpinen-4-ol	<ul style="list-style-type: none"> Helps reduce UV-induced erythema Improves and soothes acne-prone skin Helps reduce dandruff and soothes itchy and irritated scalp Helps reduce fungal foot related problems Preservative booster 	0.2-1%
Melafresh™ T96 PF 🇺🇸	Standardized natural active ingredient derived from fractionation of Tea Tree oil (<i>Melaleuca alternifolia</i>) containing 96% terpinen-4-ol	Melaleuca Alternifolia (Tea Tree) Leaf Oil	•	•	Broad-spectrum antimicrobial activity and anti-inflammatory activity due to the presence of the active molecule terpinen-4-ol	<ul style="list-style-type: none"> Helps reduce UV-induced erythema Improves and soothes acne-prone skin Helps reduce dandruff and soothes itchy and irritated scalp Helps reduce fungal foot related problems Preservative booster 	0.2-1%
Melafresh™ T10-SLR PF 🇺🇸	Slow-release natural active complex derived from fractionation of Tea Tree oil (<i>Melaleuca alternifolia</i>) containing 10% terpinen-4-ol entrapped in cyclodextrin.	Cyclodextrin (and) Melaleuca Alternifolia (Tea Tree) Leaf Oil	•		Broad-spectrum antimicrobial activity and anti-inflammatory activity due to the presence of the active molecule terpinen-4-ol	<ul style="list-style-type: none"> Slow-release delivery (controlled-release) Increased bio-availability of the active ingredient Reduction of odor 	2-5%

VEGETABLE OILS

PRODUCT	DESCRIPTION	INCI	PROPERTIES	APPLICATIONS & DOSAGE
SCB Macadamia Oil PF 🇺🇸	From the cold pressed kernels of Macadamia. Mono-unsaturated Fatty Acids 80%	Macadamia Ternifolia Seed Oil	<ul style="list-style-type: none"> High oxidative stability Dry, velvet-soft skin feel Enhanced softening effect High lubricity Colorless & Odorless 	<ul style="list-style-type: none"> Skin care: 5-10% Hair care: 0.5-1.0% Sun care: 5-10% Massage & baby oil: 100% Makeup & pigment disperser: 2-10% Soap bars: 1-2% Aromatherapy - carrier for essential oils
SCB Jojoba Oil PF 🇺🇸	From the cold pressed seeds of the desert shrub <i>Simmondsia chinensis</i> . Gadoleic Acid (Eicosenoic Acid) 50%	Simmondsia Chinensis (Jojoba) Seed Oil	<ul style="list-style-type: none"> High oxidative stability Non-occlusive emollient Dispersing agent Dermal protectant Non-comedogenic Excellent oxidative stability Virtually colorless and odorless 	<ul style="list-style-type: none"> Skin care: 5-10% Hair care: 1-2% Sun care: 5-10% Makeup & pigment disperser: 2-10% Nail care (Emollient, strengthens and pigment disperser): 2-10% Soap bars: 1-2% Baby care (Baby oil, rash prevention, lubricity): up to 100%

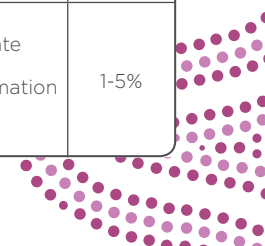
EXFOLIANTS



PRODUCT	DESCRIPTION	INCI	PROPERTIES	APPLICATIONS & DOSAGE
Macadamia EXFOL™ 50 Macadamia EXFOL™ 100 	Particles from the seeds of Australian native macadamia tree (50 or 100 microns)	Macadamia Ternifolia Shell Powder	<ul style="list-style-type: none"> Removes dead skin cells Unblocks pores Removes dirt from pores Improves brightness 	Macadamia EXFOL™ 50: 0.5-5% • Facial scrubs & cleansers • Masks • Body scrubs Macadamia EXFOL™ 100: 0.5-5% • Soap bars • Hand & foot scrubs
Melafresh™ EXFOL 50 Melafresh™ EXFOL 100 Melafresh™ EXFOL 300 	Particles from the leaves of Australian native tea tree which contain approx. 3% of tea tree oil (50, 100 or 300 microns)	Melaleuca Alternifolia (Tea Tree) Leaf Powder	<ul style="list-style-type: none"> Removes dead skin cells Unblocks pores Removes dirt from pores Improves brightness Mild antibacterial effect Mild anti-irritant effect 	Melafresh EXFOL™ 50 & 100: 1-10% • Facial scrubs & cleansers • Masks • Body scrubs Melafresh EXFOL™ 300: 0.5-5% • Soap bars • Hand & foot scrubs

HARVEST COMPLEXES

PRODUCT	DESCRIPTION	INCI	MODE OF ACTION	PROPERTIES	DOSAGE
WildLime Harvest™ AF 	Bioactive complex derived from three indigenous Australian wild lime species: • Rainforest Lime (<i>Microcitrus australis</i>) • Caviar Lime (<i>Microcitrus australasica</i>) • Desert Lime (<i>Citrus glauca</i>)	Glycerin (and) Water (and) Microcitrus Australis Fruit Extract (and) Microcitrus Australasica Fruit Extract (and) Citrus Glauca Fruit Extract	Exfoliation due to the fruit acid composition	<ul style="list-style-type: none"> Helps tone and regenerate the skin for smoother and more even complexion Nourishes skin and hair 	1-5%
Mountain Harvest™ AF 	Bioactive complex derived from three mountain herbs and spices native to Australia: • Aniseed Myrtle (<i>Anetholea anisata</i>) • Mountain Pepper (<i>Tasmannia lanceolata</i>) • Wild Rosella Flower (<i>Hibiscus sabdariffa</i>)	Glycerin (and) Water (and) Anetholea Anisata Leaf Extract (and) Tasmannia Lanceolata Leaf Extract (and) Hibiscus Sabdariffa Flower Extract	Free radical scavenging activity	<ul style="list-style-type: none"> Nourishes skin and hair Helps moisturize and rejuvenate skin 	1-5%
Flower Harvest™ AF 	Bioactive complex derived from three Australian coastal flowers: • Red Spider Flower (<i>Grevillea speciosa</i>) • Banksia (<i>Banksia serrata</i>) • Kangaroo Paw (<i>Anigozanthos flavidus</i>)	Glycerin (and) Water (and) Grevillea Speciosa Flower Extract (and) Banksia Serrata Flower Extract (and) Anigozanthos Flavidus Extract	Free radical scavenging activity	<ul style="list-style-type: none"> Nourishes skin and hair Helps moisturize, regenerate and rejuvenate skin 	1-5%
RainForest Harvest™ AF 	Bioactive complex derived from three exotic Australian rainforest fruits: • Lilly Pilly (<i>Syzygium luehmanii</i>) • Lemon Aspen (<i>Acronychia acidula</i>) • Davidsonia Plum (<i>Davidsonia pruriens</i>)	Glycerin (and) Water (and) Syzygium Luehmanii Fruit Extract (and) Acronychia Acidula Fruit Extract (and) Davidsonia Pruriens Fruit Extract	Free radical scavenging activity	<ul style="list-style-type: none"> Nourishes skin and hair Helps moisturize and rejuvenate skin Helps soothe the skin 	1-5%
Desert Harvest™ AF 	Bioactive complex derived from three exotic fruits of the Australian desert: • Quandong / Desert Peach (<i>Santalum acuminatum</i>) • Desert Lime (<i>Citrus glauca</i>) • Wattle Seed (<i>Acacia victoriae</i>)	Glycerin (and) Water (and) Santalum Acuminatum Fruit Extract (and) Citrus Glauca Fruit Extract (and) Acacia Victoriae Fruit Extract	Rich in anthocyanin antioxidant	<ul style="list-style-type: none"> Nourishes skin and hair Helps rejuvenate skin 	1-5%
Tropical Fruit Harvest™ AF 	Bioactive complex derived from three tropical fruits grown in Australia: • Mango (<i>Mangifera indica</i>) • Papaya (<i>Carica papaya</i>) • Pineapple (<i>Ananas sativus</i>)	Glycerin (and) Water (and) Mangifera Indica (Mango) Fruit Extract (and) Carica Papaya (Papaya) Fruit Extract (and) Ananas Sativus (Pineapple) Fruit Extract	<ul style="list-style-type: none"> Free radical scavenging activity Presence of proteolytic enzymes 	<ul style="list-style-type: none"> Nourishes skin and hair Helps moisturize and rejuvenate skin Helps accelerate skin desquamation Helps fade away uneven skin pigmentation 	1-5%



PLANT EXTRACTS

Custom-made product* Please contact us

AUSTRALIAN NATIVE PLANTS

PRODUCT	Plant INCI	Anti-acne	Anti-aging	Anti-inflammatory / Anti-irritant /Soothing	Antimicrobial	Antioxidant	Anti-cellulite / Slimming	Astringent	Deodorant	Moisturizing & Nourishing	Skin lightening	Anti-dandruff	Hair Aspect (conditioning, shine)	Damaged & Dry Hair	Hair growth
Aniseed Myrtle	Anetholea Anisata Leaf Extract	•		•	•	•						•			
Banksia Flower	Banksia Serrata Flower Extract		•			•				•					
Blue Gum	Eucalyptus Globulus Leaf Extract			•	•										
Bunya	Araucaria Bidwillii Seed Extract					•				•					
Bush Plum (Blue Plum or Wild Plum)	Davidsonia Pruriens Fruit Extract	•	•	•	•										
Bush Tomato (Desert Raisin)	Solanum Centrale Fruit Extract				•	•									
Cinnamon Myrtle	Backhousia Myrtifolia Leaf Extract				•	•	•	•							•
Desert Lime	Citrus Glauca Fruit Extract		•	•	•										
Illawarra Plum	Podocarpus Elatus Fruit Extract		•	•		•									
Kanuka	Kunzea Ericoides Leaf Extract			•	•										
Lavender Tea Tree	Melaleuca Ericifolia Leaf Extract	•		•	•				•						
Lemon Aspen	Acronychia Acidula Fruit Extract		•			•									
Lemon Tea Tree	Leptospermum Petersonii Leaf Extract	•		•	•				•						
Macadamia Seed	Macadamia Ternifolia Seed Extract									•					

PLANT EXTRACTS

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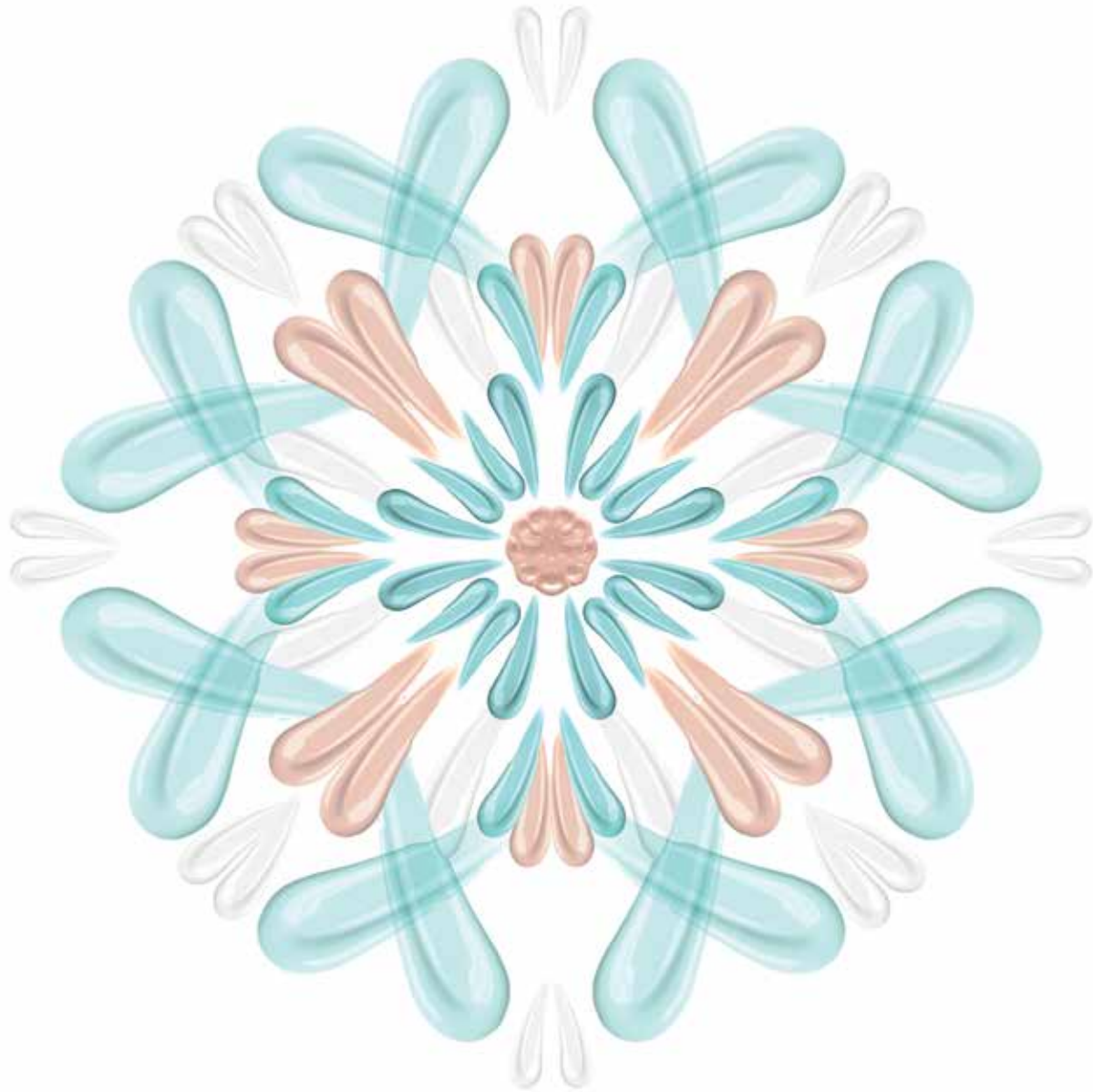
AUSTRALIAN NATIVE PLANTS

PRODUCT	Plant INCI	Anti-acne	Anti-aging	Anti-inflammatory / Anti-irritant / Soothing	Antimicrobial	Antioxidant	Anti-cellulite / Slimming	Astringent	Deodorant	Moisturizing & Nourishing	Skin lightening	Anti-dandruff	Hair Aspect (conditioning, shine)	Damaged & Dry Hair	Hair growth
Manuka	Leptospermum Scoparium Leaf Extract	•		•	•			•	•			•			
Manuka Honey	Honey Extract			•	•					•					
Melaleuca	Melaleuca Bracteata Leaf Extract			•	•	•									
Muntries (Emu Apple)	Kunzea Pomifera Fruit Extract		•	•	•	•				•					
Native Mint	Prostanthera Incisa Leaf Extract					•							•		
Pandanas (Wild Pinneapple)	Pandanus Tectorius Fruit Extract			•		•					•				
Quandong (Wild Peach)	Santalum Acuminatum Fruit Extract			•	•	•				•					
Rainforest Lime	Citrus Australis Fruit Extract	•	•								•				
Red Gum	Eucalyptus Camaldulensis Leaf Extract				•	•									
Riberry (Lilly Pilly)	Syzygium Luehmanii Fruit Extract		•	•		•				•					
Sea Kelp	Ecklonia Radiata Extract		•	•						•		•			
Tea Tree	Melaleuca Alternifolia (Tea Tree) Leaf Extract	•		•	•				•			•			
Wattle Seed	Acacia Victoriae Seed Extract		•	•											
Wild Rosella	Hibiscus Sabdariffa Flower Extract		•	•	•	•									

























FUNCTIONAL INGREDIENTS














Functional ingredients should deliver much more than texture, skin feel or product performance. In new-generation cosmetics, they are expected to be fully part of the active system of the formulae. Lucas Meyer Cosmetics focuses on the development of active and biocompatible functional solutions mainly based on phospholipids. Because phospholipids are the essential constituents of cellular membrane, our functional ingredients are the promise of greater skin affinity, compatibility and tolerance. At the same time they contribute to the maintenance of the skin barrier function.

To help you make the most of these ingredients, Lucas Meyer Cosmetics provides formulation assistance services as well as global formulation training seminars.














FUNCTIONAL INGREDIENTS

PRODUCT	DESCRIPTION	INCI	PROPERTIES	Process	APPLICATION & DOSAGE
EMULSIFIERS					
Emulmetik™ 100    	Liquid soybean lecithin	Lecithin	<ul style="list-style-type: none"> • Wetting agent • Sensorial adjuster • Moisturizer • Triggers positive emotions and provides moments of happiness upon application 	Hot or cold process	0.3-2%
Emulmetik™ 300    	Phospholipid complex	Lecithin	<ul style="list-style-type: none"> • Co-emulsifier • Stabilizing agent • Wetting agent • Triggers positive emotions and provides moments of happiness upon application 	Hot process	0.2-2%
Emulmetik™ 320    	Hydrogenated phospholipid complex	Hydrogenated Lecithin	<ul style="list-style-type: none"> • Co-emulsifier • Stabilizing agent • Wetting agent • Triggers positive emotions and provides moments of happiness upon application 	Hot process	0.2-2%
Emulmetik™ 900    	Phosphatidylcholine concentrate	Lecithin	<ul style="list-style-type: none"> • Liposome precursor • Triggers positive emotions and provides moments of happiness upon application 	Hot process	0.2-2%
Emulmetik™ 930    	Phosphatidylcholine isolate	Lecithin	<ul style="list-style-type: none"> • Liposome precursor • Triggers positive emotions and provides moments of happiness upon application 	Hot process	0.2-2%
Emulmetik™ 950    	Hydrogenated phosphatidylcholine isolate	Hydrogenated Lecithin	<ul style="list-style-type: none"> • Liposome precursor • Triggers positive emotions and provides moments of happiness upon application 	Hot process	0.2-2%

PRODUCT	DESCRIPTION	INCI	PROPERTIES	Process	APPLICATION & DOSAGE
EMULSIFIERS					
Amisol™ Soft   	Phospholipid-based lamellar emulsifier	Behenyl Alcohol (and) Glyceryl Stearate (and) Lecithin (and) Glycine Soja (Soybean) Sterols	<ul style="list-style-type: none"> • Provides lamellar O/W emulsions • Sophisticated textures with light skin feel • Decreases TEWL • High skin tolerance • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot process	Recommended dosage: 1-6% <ul style="list-style-type: none"> • Emulsifier: 3-6% • Skin feel enhancer, co-emulsifier: > 1%
Biophilic™ H   	Phospholipid-based lamellar emulsifier	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	<ul style="list-style-type: none"> • Provides lamellar O/W emulsions • Luxurious texture with rich skin feel • Decreases TEWL • Increases skin hydration • High skin tolerance • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot process	Recommended dosage: 1-6% <ul style="list-style-type: none"> • Emulsifier: 3-6% • Skin feel enhancer, co-emulsifier: > 1%
Biophilic™ S   	Phospholipid-based lamellar emulsifier	Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	<ul style="list-style-type: none"> • Provides lamellar O/W emulsions • Sophisticated texture with rich skin feel • Decreases TEWL • High skin tolerance • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot process	Recommended dosage: 1-6% <ul style="list-style-type: none"> • Emulsifier: 3-6% • Skin feel enhancer, co-emulsifier: > 1%
Heliofeel™    	Sunflower phospholipid-based emulsifier	Glyceryl Stearate Citrate (and) Polyglyceryl-3 Stearate (and) Hydrogenated Lecithin	<ul style="list-style-type: none"> • Provides O/W emulsions • Light skin feel • Gives instant moisturizing effect • Decreases TEWL • High skin tolerance • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot process	Recommended dosage: 1-6% <ul style="list-style-type: none"> • Emulsifier: 2-6% • Skin feel enhancer, co-emulsifier: > 1%

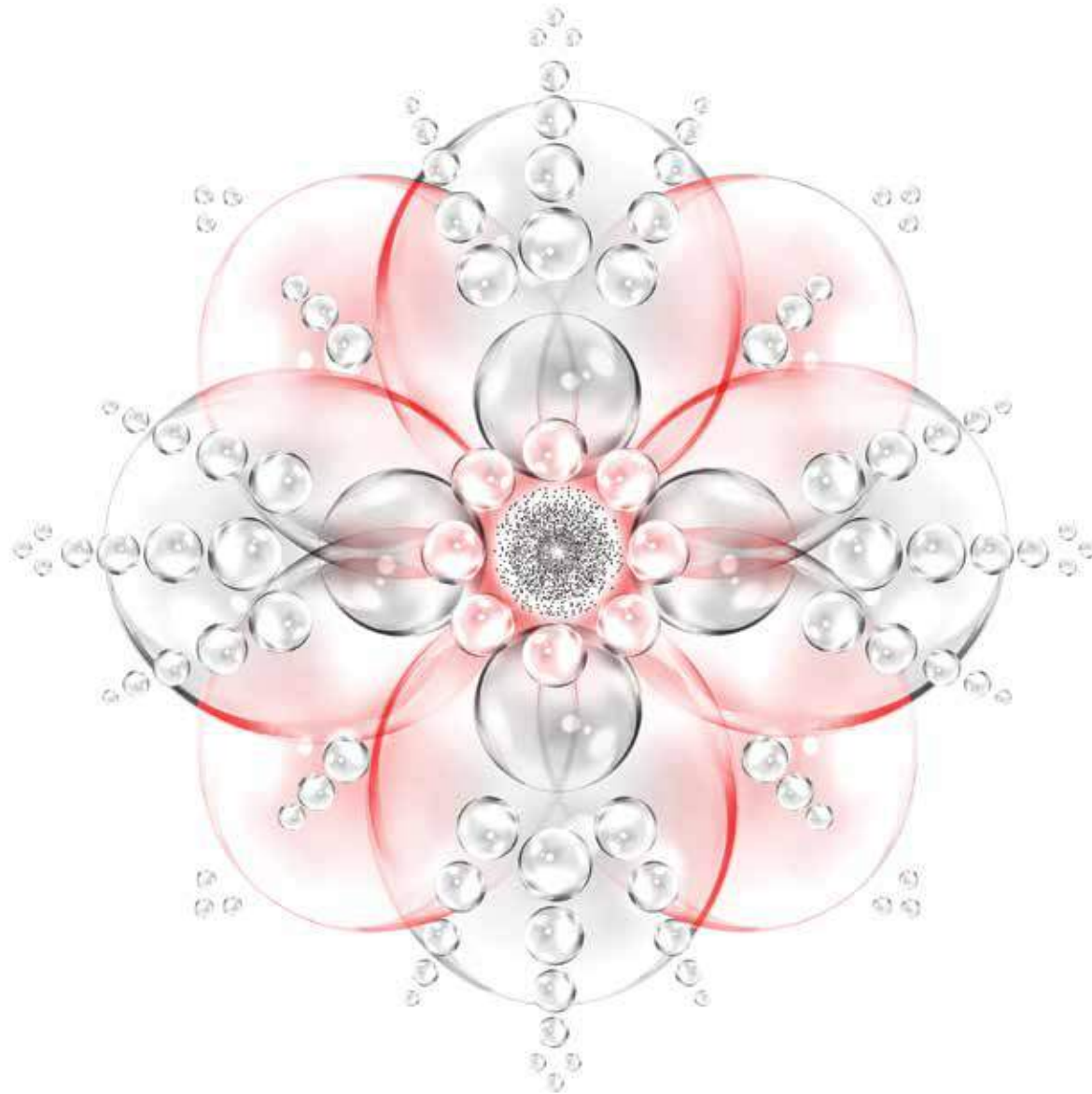
FUNCTIONAL INGREDIENTS

PRODUCT	DESCRIPTION	INCI	PROPERTIES	Process	APPLICATION & DOSAGE
GELLING AGENTS WITH EMULSIFYING PROPERTIES					
Heliogel™ 	Phospholipid-based gelling agent with emulsifying properties	Sodium Acrylates Copolymer (and) Hydrogenated Polyisobutene (and) Phospholipids (and) Polyglyceryl-10 Stearate (and) Helianthus Annus (Sunflower) Seed Oil	<ul style="list-style-type: none"> • Provides gels & gel-creams • Stabilizes and adjusts viscosity of emulsions • Compatible with electrolytes • Stable over a wide range of pH • Cooling sensation • Velvet skin feel • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot or cold process	Recommended dosage: 0.2-3% <ul style="list-style-type: none"> • Gelling agent for aqueous gels: 1-3% • Emulsifier for gel-creams: 1-3% • Viscosity adjuster: > 1% • Stabilizer of emulsions: > 0.2%
Lecigel™   	Phospholipid-based gelling agent with emulsifying properties	Sodium Acrylates Copolymer (and) Lecithin	<ul style="list-style-type: none"> • Provides gels & gel-creams • Stabilizes and adjusts viscosity of emulsions • Quick-break effect • High cooling effect: lowers immediately the skin temperature with a lasting effect up to 20 minutes • Decreases TEWL • Increases skin hydration • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	<ul style="list-style-type: none"> • Hot or cold process • Introduction into water or oil phase or after emulsion 	Recommended dosage: 0.1-2% <ul style="list-style-type: none"> • Gelling agent for aqueous gels: 0.5-2% • Emulsifier for gel-creams: 0.5-2% • Viscosity adjuster: > 0.5% • Stabilizer of emulsions: > 0.1%
Ecogel™    	Phospholipid-based gelling agent with emulsifying properties	Lysolecithin (and) Sclerotium Gum (and) Xanthan Gum (and) Pullulan	<ul style="list-style-type: none"> • Thickener • Stabilizes and increases the viscosity of emulsions • Suspending agent • Good electrolytes resistance • Stable over a wide range of pH • Silicone-like skin feel • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	Hot process	Recommended dosage: 0.3-2% <ul style="list-style-type: none"> • Gelling agent for light aqueous gels: 1.5-2% • Stabilizer & viscosity enhancer of emulsions: > 1% • Skin feel enhancer: > 0.3%
Siligel™   	Phospholipid-based gelling agent with emulsifying properties	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	<ul style="list-style-type: none"> • Thickener • Stabilizes and increases the viscosity of emulsions • Suspending agent • High electrolytes resistance • Stable over a wide range of pH • Silicone-like skin feel • Decreases TEWL • Enhances penetration and bioavailability of active ingredients to get better and/or faster results • Triggers positive emotions and provides moments of happiness upon application 	<ul style="list-style-type: none"> • Optimized combination for easy dispersion • Cold or hot process • Before or after emulsion 	Recommended dosage: 0.3-2% <ul style="list-style-type: none"> • Gelling agent: 0.5-2% • Stabilizer and co-emulsifier: >0.5% • Suspending agent: > 1.2% • Skin feel enhancer: > 0.3%
















DELIVERY SYSTEMS

Lucas Meyer Cosmetics is the world's leading reference for phospholipids and lecithins. The prime choice ingredients for the design of the most effective delivery systems. Our multi-functional delivery systems enhance skin penetration, protect the active against interactions with other ingredients, provide long-lasting release, facilitate formulation of challenging ingredients and allow a better targeted action. We continuously explore and perfect new encapsulation architectures in order to provide you with solutions precisely tailored to your needs.



DELIVERY SYSTEMS

PRODUCT	DESCRIPTION	INCI	MODE OF ACTION	PROPERTIES	DOSAGE
VECTORIZED PRODUCT					
Adipofill'in™   	L-Ornithine vectorized in a ionosome™	Water (and) Propanediol (and) Ornithine (and) Phospholipids (and) Glycolipids	<ul style="list-style-type: none"> • Activates HIF1-α • Stimulates adipocyte anabolism • Decreases fatty acids release 	<ul style="list-style-type: none"> • Lipofilling-like action • Decreases nasogenian wrinkles • Facial rejuvenation • Increases breast volume 	0.5-2%
β-White™  	TGF- β biomimetic peptide encapsulated in phospholipids liposome	Water (and) Butylene Glycol (and) Hydrogenated Lecithin (and) Sodium Oleate (and) Oligopeptide-68 (and) Disodium EDTA	<ul style="list-style-type: none"> • Reduces the MITF factor to decrease both the constitutive and facultative pigmentation pathways 	<ul style="list-style-type: none"> • Decreases tyrosinase activity and melanin synthesis to reduce overall skin pigmentation • Induces skin lightening effect after only 4 weeks • Reduces the appearance of pigmented spots • Provides a progressive brightening effect for a more uniform complexion • Lightening activity proven on Asian skin • Reduces age spots on hands and neck line after only 14 days 	0.5-5%
Detoxium™     <i>*Please consult us</i>	Nigari salt (magnesium chloride) vectorized in a ionosome™	Water (and) Sea Salt Extract (and) Propanediol (and) Phospholipids (and) Stearoyl Inulin	<ul style="list-style-type: none"> • Activates P-Glycoprotein activity 	<ul style="list-style-type: none"> • Stimulates the elimination of pollutants out of cell • Decreases oxidative stress • Helps preserve cellular youthfulness 	2-4%
Isocell™ Slim Isocell™ Slim NC  	Caffeine vectorized in a phospholipid-based complex	Caffeine (and) Sodium Salicylate (and) Lecithin (and) Silica	<ul style="list-style-type: none"> • Lipolytic agent • Draining action 	<ul style="list-style-type: none"> • Slimming action • Allows a high usage level of caffeine • No need for alcohol 	2-10%

PRODUCT	DESCRIPTION	INCI	MODE OF ACTION	PROPERTIES	DOSAGE
TECHNOLOGIES					
Ionosome™ (tailor made vectorization technology) 	Polysaccharide-coated liposomes	Water (and) Propanediol (and) Phospholipids (and) Stearoyl Inulin	<ul style="list-style-type: none"> • Resistant to surfactants • Resistant to electrolytes 	<ul style="list-style-type: none"> • Encapsulation of charged hydrophilic active ingredients • Protection of hydrophilic active ingredients in a charged formulation 	consult us
Pro-Lipo™ Neo 	Phospholipid-based pro-liposomes	Propanediol (and) Lecithin	<ul style="list-style-type: none"> • Preparation to easily create customizable homemade natural liposomes 	<ul style="list-style-type: none"> • Increases skin penetration and bioavailability of entrapped hydrophilic and/or lipophilic active ingredients for better and faster results • Higher concentrated ready-to-use liposomes 	0.1-3%



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