Nature needs no cosmetics, but cosmetics need nature.

### Delivery program



Januar 2024

#### About the content

How are you?

You just hold the new version of our delivery program in your hands. We are pleased that you find the time to catch up on our products. Gladly we introduce our company Selco GmbH, the employees and our product portfolio to you.

The following delivery program gives an overview of our actives in alphabetical order together with efficacies. In a second overview all actives are sorted by application. This structure should help to find an effective solution for realization of your product concepts in a short time. In addition to the product descriptions given in this delivery program we are offering on request detailed

information about properties, efficacies, specification, toxicology and origin of each product. A phone call or an email is very welcomed!

You can also find important information on our website www.gfn-selco.de.

Your Selco-Team

### Nature needs no cosmetics, but cosmetics need nature.

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#### **Selco-Company Profile**

Foundation Nov. 1997 by Michèle Lindner and Bodo Wilker

**Location** Wald-Michelbach / Odenwald, close to Heidelberg

Product line distribution of premium active ingredients

representation of foreign producers plant extracts from own production

**DIN ISO** certification conform to DIN ISO 9001:2015 since June 2016

**Company rebuilding** 2013 modernisation of both company buildings

**Distribution** worldwide

#### Important to us

For a successful cooperation following aspects are important to us:

- A comprehensive documentation according to the current version of the European Cosmetic directive:
  - · product information
  - · efficacy tests
  - toxicological profiles
  - · extensive statements about ingredients
  - BSE / TSE evaluation
- Realisation of your special product requirements:
  - approval according to COSMOS, ECOCERT or NATRUE standards
  - stabilisation of products with raw materials, which have not to be declared as preservatives according to the cosmetic regulation
  - · worldwide accepted preservative systems
  - innovative marketing concepts, with a strong trend to natural cosmetics

- High flexibility in all parts of the company
- Customer oriented service and highly motivated, qualified staff
- Fast and reliable execution of your requests
- Quick response to your needs and the requirements of the market





#### **Our Selco-Team**

Selco, Wirkstoffe Vertriebs GmbH Straßburg 16 69483 Wald-Michelbach / Germany Telephone +49 6207 939 94 0 Telefax +49 6207 939 94 10 Web www.gfn-selco.de

#### **Contact**

Name	Function	Telephonenumber	eMail
Michèle Lindner	Managing Director	+49 6207 939 94 01	m.lindner@gfn-selco.de
Dr. Dorothea Baranyai	Head of Quality Assurance and Quality Management Representative	+49 6207 939 94 15	d.baranyai@gfn-selco.de
Anja Sauer	Head of Purchasing	+49 6207 939 94 40	purchase@gfn-selco.de
Julia Helfrich	Head of Inside Sales	+49 6207 939 94 30	sales@gfn-selco.de order@gfn-selco.de
Paul Heß	Head of Production and Safety-at-work-Expert	+49 6207 939 94 53	p.hess@gfn-selco.de
Riekus Brehm	Head of Quality Control	+49 6207 939 94 50	r.brehm@gfn-selco.de
Ellen Florig	Head of Application Lab	+49 6207 939 94 20	e.florig@gfn-selco.de
Home-Office			
Dr. Karen Mörs	Head of Export and Product Manager	+49 6207 939 94 03 +49 170 776 336 9	k.moers@gfn-selco.de
Brigitte aus dem Siepen	Sales Account Manager and Export	+49 6207 939 94 07 +49 151 111 723 69	b.ausdemsiepen@gfn-selco.de
Dr. Katrin Massey	Head of Marketing and Sales Account Manager	+49 6207 939 94 08 +49 151 117 821 73	k.massey@gfn-selco.de
Miriam Pergande	Sales Account Manager	+49 6207 939 94 06 +49 151 516 425 70	m.pergande@gfn-selco.de

Product over Range of Selco palphabetical order	products and their use	in	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
18-ß-Glycyrrhe- tinic Acid	Glycyrrhetinic Acid	7212	C N		•						•	•			
AGSE (Activa- ted Grape Seed Extract)*	Vitis Vinifera Seed Extract	7318			•		•				•				
NEW AGSE (Activa- ted Grape Seed Extract) 10% L*	Propanediol, Vitis Vinifera Seed Extract	7350			•		•				•				
Aloe Vera freeze dried gel powder 200:1	Aloe Barbadensis Leaf Juice Powder	7100	N	•	•		•	•			•				
Ammonium Glycyrrhizinate	Ammonium Glycyrrhizate	7211	N		•						•	•			
Arbutin	Arbutin	7011												•	
Alpha-Arbutin	Alpha-Arbutin	7328												•	
Ascorbyl Gluco- side	Ascorbyl Glucoside	7268	C E N		•		•				•			•	
Astaxanthin 5% L	Astaxanthin or Haematococcus Pluvialis Extract	7348	C N	•	•	•	•				•			•	

<sup>\* =</sup> not available in every country





Range of Selco palphabetical orde	products and their use	in	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
Bakuchiol natural	Bakuchiol	7346	N		•		•				•	•		•	
NEW Bamboo Char- coal paste (D0.9)	Charcoal Powder, Aqua	7358			•					•		•	•		
Bamboo Char- coal powder	Charcoal Powder	7287	C N		•			•		•		•			
Biotin USP	Biotin	7253					•			•					
alpha-Bisabolol natural (C)*	Bisabolol	7237	С		•						•	•			
alpha-Bisabolol organic (A)	Bisabolol	7290	Ν		•						•	•			
Bromelain (600) Bromelain (100)	Bromelain	7312 7314	C N				•					•			
Buriti Oil (virgin)	Mauritia Flexuosa Fruit Oil	7315	C N	•	•		•	•		•	•				
Butyl Resorcinol	4-Butylresorcinol	7261												•	
<b>NEW</b> Chlorophyllin	Chlorophyllin- Copper Complex or CI 75810	7357			•							•	•		
Coenzyme Q10	Ubiquinone	7258	C N		•		•								

<sup>\* =</sup> not available in every country

Range of Selco p alphabetical orde	roducts and their use r	in	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
Cupuacu Butter (deodorized)	Theobroma Grandi- florum Seed Butter	7316	C N	•	•			•	•	•	•		•		
Dipotassium Glycyrrhizinate	Dipotassium Glycyrrhizate	7196	C N		•					•	•	•			
Epidermal Growth Factor L	Aqua, Glycerin, Mannitol, sh-Oligo- peptide-1	7347			•	•	•				•	•			
Esculin natural	Esculin	7267			•	•				•	•				•
Ethyl Ascorbic Acid	3-O-Ethyl Ascorbic Acid	7246	N		•	•	•							•	
Green Tea Extract (EGCG) 90	Epigallocatechin Gallate	7344			•		•				•				
Hydrolyzed Elastin powder	Hydrolyzed Elastin	7323								•					
HyVia™ (Chia Seed Extract)*	Salvia Hispanica Seed Oil	7319		•	•		•								•
Magnesium Ascorbyl Phos- phate	Magnesium Ascor- byl Phosphate	6047	N		•	•								•	
Mangosteen	Mangostin	7254		•	•						•	•	•		
Murumuru Butter (deodorized)	Astrocaryum Muru- muru Seed Butter	7317	C N	•	•			•	•	•			•		



Range of Selco palphabetical orde	products and their use i	n	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
NEW N-Acetyl-D- Glucosamin (vegan)	Acetyl Glucosamine	7361		•			•							•	
NEW OceanDerMX® Balance & Brighten*	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Cen- tella Asiatica Leaf Extract, Glycyrrhiza Glabra (Licorice) Root, Pentylene Glycol	7351	С	•			•							•	
NEW OceanDerMX® Calm & Soothe*	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Mac- ropiper Excelsum Leaf Extract, Honey, Pentylene Glycol	7352	С	•	•		•					•			
<b>NEW</b> OceanDerMX <sup>®</sup> Lift & Firm*	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cya- thea Medullaris Leaf Extract, Pentylene Glycol	7353	С	•			•								
NEW OceanDerMX® Restore & Protect*	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Camellia Sinensis Leaf, Cyathea Medullaris Leaf Ex- tract, Ribes Nigrum (Black Currant) Fruit Extract, Pentylene Glycol	7354	С	•	•		•								

<sup>\* =</sup> not available in every country

	Range of Selco products and their use in alphabetical order  Product name INCI				Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
Papain (200) Papain (800)	Papain	7342 7343	С		•							•		•	
Peptiboost® Cu L	Aqua, Glycerin, Bis(Tripeptide-1) Copper Acetate or Copper Tripeptide-1	7311			•	•	•			•	•				
Peptiboost® Cu P	Bis(Tripeptide-1) Copper Acetate or Copper Tripeptide-1	7302			•	•	•			•	•				
NEW Peptiboost® Glow	Aqua, Glycerin, Tranexamic Acid, Mandelic Acid, Niacinamide, Lactobionic Acid, Carnosine, Nona- peptide-1	7355			•		•				•			•	
<b>NEW</b> Peptidox <sup>®</sup> Eyes	Butylene Glycol, Aqua, Poria Cocos Sclerotium Extract, Dipeptide-2, Acetyl Tetrapeptide-5	7349			•		•						•		
Peptidox® L	Aqua, Acetyl Hexa- peptide-8	7326					•								
Peptidox® P	Acetyl Hexa- peptide-8	7325					•								
Peptidox® Plus P	Acetyl Octa- peptide-3	7300					•								
Peptilash® Extend L	Glycerine, Aqua, Panthenol, Treha- lose, Biotinoyl Tripeptide-1	7297				•				•			•		

Range of Selco palphabetical orde	products and their use i	in	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
Peptilash® Extend P	Biotinoyl Tri- peptide-1	7296				•				•			•		
Peptilash® Growth L	Aqua, Glycerin, Myristoyl Penta- peptide-17	7313				•				•			•		
Peptilash® Growth P	Myristoyl Penta- peptide-17	7301				•				•			•		
Peptilash® Length P	Myristoyl Hexa- peptide-16	7303				•				•			•		
Phytosterol Complex 95 %	Glycine Soja Sterols or Phytosterols	7265	C N		•						•				
Red Tourma- line*	Tourmaline	7277											•		
Rutin	Rutin	7225	N		•	•				•	•				
Salicylic Acid natural	Salicylic Acid	7324	С		•		•					•		•	
NEW SIGDerma Clean & Sensitive*	Disodium Tetra- methylhexadecenyl- cysteine Formyl- prolinate	7322			•							•			
NEW SIGDerma Hydro Extend*	Acetylglutaminoyl Farnesylcysteine	7320		•	•		•				•				
Sodium Ascor- byl Phosphate	Sodium Ascorbyl Phosphate	7307			•	•						•		•	

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	Range of Selco products and their use in alphabetical order  Product name INCI  Mat. No.				Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI			1	2	3	4	5	6	7	8	9	10	12	15
<b>NEW</b> Sodium Poly- glutamate	Sodium Polygluta- mate	7360		•							•				
Stearyl Glycyrrhetinate	Stearyl Glycyrrhetinate	7227	C E N		•						•	•			
<b>NEW</b> Superoxide Dismutase	Superoxide Dismutase	7359			•		•					•			
Tannic Acid, powder pure Ph EUR, USP	Tannic Acid	7053	N		•							•			
Troxerutin	Troxerutin	7293			•	•	•				•				•
Turmeric Oil (CO <sub>2</sub> )	Curcuma Longa Root Extract	7250	N		•					•					
Ursolic Acid Na-Salt natural	Sodium Ursolate, Sodium Oleanolate	7278	N		•	•	•				•				•
ViaFerm® White Shiitake*	Lentinus Edodes Mycelium Extract	7274			•	•								•	
ViaPure® Andrographis*	Andrographis Pani- culata Leaf Extract	7272	С		•						•			•	
ViaPure® Boswellia Green*	Boswellia Serrata Resin Extract	7308	C N	•	•		•								





Range of Selco palphabetical orde	products and their use	in	Conform to	Hydration, Moisturzier	Skin Protection, Radical Scavenger	Metabolic Acitvator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Wash	Sun Protection, After Sun	Anti-Acne-Products, Deodorants	Decorative Cosmetics	Skin-Whitening	Anti-Cellulite
Product name	INCI	Mat. No.		1	2	3	4	5	6	7	8	9	10	12	15
ViaPure® Citrus*	Citrus Grandis Peel Extract	7273		•	•		•				•				
ViaPure® Coleus*	Coleus Barbatus Root Extract	7269		•	•						•				•
ViaPure® Hops*	Humulus Lupulus Extract, Linoleic Acid, Linolenic Acid	7271			•									•	
ViaPure® Licorice White*	Glycyrrhiza Glabra Root Extract	7276			•									•	
ViaPure® Poria*	Poria Cocos Extract	7270			•	•									
ViaPure® Rice*	Oryza Sativa Bran Extract	7282	C E N		•	•	•					•		•	
Vitamin A Acetate	Retinyl Acetate	7309										•			

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### Selco products in alphabetical order and their benefits

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
18-ß-Glycyrrhetinic Acid Mat.No. 7212	Glycyrrhetinic Acid  Preservative: none  Stabilizer: none	white powder with typical odour	soluble in hot water, phenylethyl- alcohol and in ethanol up to 0.6%	0.5 - 1.0 %	pentacyclic triterpene acid extracted from liquorice root     antiphlogistic     controls sebum release     acceleration of wound healing     itch soothing     antioxidant     COSMOS approved     NATRUE certified
AGSE (Activated Grape Seed Extract)  Mat.No. 7318	Vitis Vinifera Seed Extract  Preservative: none  Stabilizer: none	dark red, purple powder	miscible with alcohols and glycols; insoluble in water or oils	0.1 - 1.0 %	<ul> <li>novel, proprietary botanical extract from red grape seeds enriched for Protein Phosphatase 2A (PP2A) activating flavonoids</li> <li>~5x more potent than commercial grape seed extracts in promoting PP2A activity</li> <li>combats skin aging, especially photoaging</li> <li>reduces skin damages due to free radicals and protects the skin against environmental stress</li> <li>reduces inflammation (inhibits IL-6, IL-8 and TNFα cytokine release)</li> <li>acts as an outstanding antioxidant</li> <li>promotes collagen gene expression in dermal fibroblasts</li> <li>supports wound healing</li> </ul>
NEW AGSE (Activated Grape Seed Extract) 10% L Mat.No. 7350	Propanediol, Vitis Vinifera Seed Extract  Preservative: none  Stabilizer: none	dark red-purple solution	insoluble in water or oils (solubilizer necessary); miscible with alcohols and glycols	1.0 - 10.0 %	<ul> <li>novel, proprietary botanical extract from grape seeds, enriched for Protein Phosphatase 2A (PP2A) activating flavonoids</li> <li>5x more potent than commercial grape seed extracts</li> <li>acts as an antioxidant, more potent than vitamin C and α-tocopherol</li> <li>acts as a natural coloring agent</li> <li>inhibits release of pro-inflammatory cytokines (IL-6, IL-8 and TNFα)</li> <li>reduces UV induced skin aging</li> <li>promotes collagen gene expression in dermal fibroblasts</li> <li>enhances elastin production</li> <li>minimizes stress and protects from environmental damages</li> <li>supports wound healing</li> </ul>





Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Aloe Vera freeze dried gel powder 200:1 Mat.No. 7100	Aloe Barbadensis Leaf Juice Powder  Preservative: none  Stabilizer: none	clear to off- white powder with an aloe odour, no pe- culiar smell	water soluble	0.2 - 0.5 %	polysaccharides from Aloe Barbadensis leave     quality certificied by IASC     content of Aloverose >= 80000 mg/kg     excellent moisturizing     anti-irritant     improves skin softness and elasticity     NATRUE certified
Ammonium Glycyrrhizinate Mat.No. 7211	Ammonium Glycyrrhizate  Preservative: none  Stabilizer: none	white crystal- line powder with typical odour	water soluble	0.5 - 4.0 %	pentacyclic triterpene acid extracted from liquorice root     antiphlogistic     controls sebum release     emulsifying     sweetish component in dental products and in food industry     NATRUE certified
Arbutin Mat.No. 7011	Arbutin  Preservative: none  Stabilizer: none	white crystal- line powder with a typical smell	water soluble, slightly soluble in ethanol	1.0 - 5.0 %	active ingredient that is specifically suitable for skin lightening applications     reduces hyperpigmentation: blocks epidermal melanin biosynthesis by inhibiting enzymic oxidation of Tyrosine and Dopa     promotes lightening and an even skin tone on all skin types     diminishes senile lentigo     reduces age spots     minimizes liver spots     reduces the degree of skin tanning after UV exposure
Alpha-Arbutin Mat.No. 7328	Alpha-Arbutin  Preservative: none  Stabilizer: none	white crystals or crystalline powder	water soluble, soluble in methanol or alcohol (etha- nol < 50 %), partially soluble in cold water	0.1 - 2.0 %	highly advanced active ingredient specifically suitable for skin lightening applications     shows a 2 times stronger effect on tyrosinase activity than Arbutin     reduces hyperpigmentation: blocks epidermal melanin biosynthesis by inhibiting enzymic oxidation of Tyrosine and Dopa     promotes lightening and even skin tone on all skin types     diminishes senile lentigo     reduces age spots     minimizes liver spots     reduces the degree of skin tanning after UV exposure

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Ascorbyl Glucoside  Mat.No. 7268	Ascorbyl Glucoside  Preservative: none  Stabilizer: none	white to cream powder	water soluble	0.1 - 2.0 %	stabilized Ascorbic Acid derivative with superior formulation stability     resists discoloration and degradation, while retaining all the biologic activity of L-Ascorbic Acid     decreases the generation of melanin by inhibition of tyrosinase activity     acts as an antioxidant     decreases wrinkle progression     reduces fine lines     improves skin lightening     improves radiance and an even skin tone     increases collagen production     reduces and repairs sun damages on the skin     COSMOS approved     NATRUE certified
Astaxanthin 5% L Mat.No. 7348	Astaxanthin or Haemato-coccus Pluvialis Extract  Preservative: none  Stabilizer: none	red viscous oil	oil soluble, dispersible in water	0.01 - 0.1 %	100 % natural purified, oily concentrate of Astaxanthin extracted from algae (Haematococcus pluvialis)     represents a non-provitamin A carotenoid (xanthophyll)     acts as a natural sun blocker     acts as an antioxidant and rejuvenates damaged skin     supports an even skin tone by suppressing melanin synthesis     reduces freckles     smoothes fine lines and reduces wrinkles     increases skin metabolism and moisturization level     represents a natural coloring agent     unpreserved     COSMOS approved     NATRUE certified





Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Bakuchiol natural Mat.No. 7346	Bakuchiol  Preservative: none  Stabilizer: none	light yellow to brownish liquid	oil soluble, insoluble in water, up to 1 % soluble in glycerin, propylene gly- col, pentylene glycol	0.3 - 1 %	meroterpene, obtained from the babchi plant, as antioxidant and anti-inflammatory natural active ingredient to targets wrinkles and aging skin     true alternative to Retinol with no negative side effects and is better tolerated by the skin     reduces inflammations     acts antibacterial     enhances an even skin tone     reduces hyperpigmentation     stimulates collagen type I, II and IV     acts as an antioxidant     reduces wrinkles     minimizes photo-aging     helps to maintain sebum integrity     reduces acne     mechanisms for restorative and preventative anti-aging     NATRUE certified
NEW Bamboo Charcoal paste (D0.9) Mat.No. 7358	Charcoal Powder, Aqua  Preservative: none  Stabilizer: none	black powder, odourless	insoluble in water, organic solvents and oils	0.5 - 5 %	water dispersed bamboo charcoal powder (D50 = 0.9) with all the advantages of general bamboo charcoal powder     reduced formation of dust during production and simplified dispersion of the raw material due to its water content     adsorbs toxins, impurities, and harmful substance     purifies the skin     exfoliants the skin     removes unpleasant odors     stimulates cell growth     cleans oily and acne prone skin
Bamboo Charcoal powder  Mat.No. 7287	Charcoal Powder  Preservative: none  Stabilizer: none	black powder, odourless	insoluble in water, organic solvents and oils	0.01 - 1.5 %	<ul> <li>made from maso bamboo timber</li> <li>detoxifying agent</li> <li>absorbs excessive sebum</li> <li>exfoliates dead skin cells</li> <li>stimulates cell growth leading to supple, delicate and smooth skin</li> <li>granules &gt;3.8 μm (less than 50 %)</li> <li>COSMOS approved</li> <li>NATRUE certified</li> </ul>
Biotin USP Mat.No. 7253	Biotin  Preservative: none  Stabilizer: none	white or off white crystalli- ne powder with typical odour	soluble in water and glycerin up to 0.06 % (50°C)	0.003 - 0.01 %	<ul> <li>synthetic production process to obtain biotin</li> <li>improves tear strength of hair</li> <li>component of many enzymes in our body</li> <li>vitamin H</li> <li>smoothing the skin</li> <li>strengthing the hair</li> </ul>

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Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
alpha-Bisabolol natural (C) Mat.No. 7237	Bisabolol  Preservative: none  Stabilizer: none	clear, colorless liquid, with a weak, charac- teristic odour	oil soluble	0.1 - 0.5 %	produced from the wood of south america candeia tree     anti-irritant     support of wound healing     antimicrobial     bacteriostatic     deodorant     content of natural bisabolol: min. 95 %     COSMOS approved
alpha-Bisabolol organic (A) Mat.No. 7290	Bisabolol  Preservative: none  Stabilizer: none	colorless to clear yellow, limpid, oily liquid with a characteristic odour	oil soluble	0.1 - 0.5 %	produced from the wood of south america candeia tree compliant with NOP/USDA standards anti-irritant support of wound healing antimicrobial bacteriostatic deodorant content of natural bisabolol: min. 95 % NATRUE certified
Bromelain (100) Mat.No. 7314	Bromelain  Preservative: none  Stabilizer: Maltodextrin 85 %	off-white or light yellow powder with a characteristic odour	water soluble	0.1 - 1 %	hydrolytic protease extracted from the stem of pineapple, also known as pineapple enzyme, that hydrolyzes peptides into low molecular weight peptides, amide groups and esters     enzyme activity minimum 100.000 U/g     works selectively on aged skin cells as peel-off substrate     reduces freckles and enhances an even skin tone     reduces inflammations     reduces UV-induced skin darkening     stimulates cell growth     shows antifungal activity     enhances skin softness and tenderness     can also be used as food additive     COSMOS approved     NATRUE certified



Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Bromelain (600) Mat.No. 7312	Bromelain  Preservative: none  Stabilizer: Maltodextrin 30 %	off-white or light yellow powder with a characteristic odour	water soluble	0.1 - 1 %	hydrolytic protease extracted from the stem of pineapple, also known as pineapple enzyme, that hydrolyzes peptides into low molecular weight peptides, amide groups and esters     enzyme activity minimum 600.000 U/g     works selectively on aged skin cells as peel-off substrate     reduces freckles and enhances an even skin tone     reduces inflammations     reduces UV-induced skin darkening     stimulates cell growth     shows antifungal activity     enhances skin softness and tenderness     can also be used as food additive     COSMOS approved     NATRUE certified
Buriti Oil (virgin) Mat.No. 7315	Mauritia Flexuosa Fruit Oil  Preservative: none  Stabilizer: none	reddish liquid	oil soluble	0.2 - 10 %	fruit oil extracted from the Buriti fruit pulp with a strong orange red / reddish colour, indicating the high level of carotenoids (highest concentration of beta carotene found in nature)     rich in fatty acids, especially oleic acid and natural tocopherol     acts as an antioxidant     reduces UV-induces skin damages     protects the epidermal lipids from oxidation     enhances skin elasticity     decreases skin dryness due to sun exposure     supports regeneration of lipids in stratum corneum     optimizes skin feel and softness     improves SPF in cosmetic applications     reduces photoaging     COSMOS approved     NATRUE certified
Butyl Resorcinol Mat.No. 7261	4-Butylresorcinol  Preservative: none  Stabilizer: none	white to beige or pink powder or crystals	soluble in organic solvents, in water poorly soluble	0.05 - 1.0 %	synthetic production process to obtain Butyl Resorcinol     very effective skin whitening active for reduction of age spots     inhibits tyrosinase and peroxidase     inhibits melanin production
Coenzyme Q 10 Mat.No. 7258	Ubiquinone  Preservative: none  Stabilizer: none	yellow to oran- ge crystalline powder	oil soluble	0.01 - 0.2 %	biotechnological process with micro- organisms found in nature to obtain Coenzyme Q 10     radical scavenger     antioxidant     smoothing the skin     reduction of wrinkle depths     COSMOS approved     NATRUE certified

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
NEW Chlorophyllin Mat.No. 7357	Chlorophyllin-Copper Complex or CI 75810  Preservative: none  Stabilizer: none	dark green granule	soluble in water, ethanol and glycerin; insoluble in oil	0.001 - 10 %	represents a kind of metalloporhyrin extracted from Ginkgo biloba leaf natural pigment (CI 75810) acts as an antioxidant represents a natural colouring agent protects the skin from environmental damages reduces inflammations acts as a deodorant accelerates wound healing acts anti-microbial prevents bleeding issues (unique active for toothpaste) COSMOS approval in work
Cupuacu Butter (deodorized) Mat.No. 7316	Theobroma Grandiflorum Seed Butter  Preservative: none  Stabilizer: none	white to beige butter with characteristic smell	oil soluble	2.0 - 5.0 %	made from the seeds of the superfruit Theobroma grandiflorum, a jungle plant from the Brazilian Amazon region, related to cacao (Theobroma cacao) contains a balanced ratio between saturated and unsaturated fatty acids, the most important are oleic acid (Omega-9), stearic acid, arachidic and palmitic acid it contains a melting point of 30°C with quick absorption and a pleasant touch other valuable ingredients are Theacrin, Vitamin C, A, various B Vitamins, iron, calcium, and selenium shows extremely high water absorption capacity of 440 %, thus is an excellent plant alternative to Lanolin 250 %! regulates the balance and activity of lipids in stratum corneum reduces inflammations helps to repair the skin barrier and reduces skin dryness facilitates natural elasticity of the skin helps prevent wrinkles shows filmogen properties improves tensile strength of bleached hair COSMOS approved NATRUE certified
Dipotassium Glycyrrhizinate Mat.No. 7196	Dipotassium Glycyrrhizate  Preservative: none  Stabilizer: none	white or almost white powder with a sweet taste	water soluble	0.2 - 2.0 %	pentacyclic triterpene acid extracted from liquorice root     antiphlogistic     controls sebum release     surface active     emulsifier     COSMOS approved     NATRUE certified



## Selco\*\*

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Epidermal Growth Factor L Mat.No. 7347	Aqua, Glycerin, Mannitol, sh-Oligopeptide-1  Preservative: Phenoxyethanol 0.45 %  Stabilizer: Ethylhexylglycerin 0.05 %	clear, colour- less liquid	water soluble, soluble in ethanol, pro- pylene glycol, glycerin, penthylene glycol, Der- mosoft 1388	0.2 - 20 %	solution of synthetic human growth factor sh-EGF     active component, sh-Oligopeptide-1, is produced by modern bioengineering methods like fermentation, using glucose as raw material     same molecular structure and biological activity as EGF secreted naturally by human body     promotes dermis fibroblasts     increases skin elasticity     promotes cell regeneration and cell repair     reduces wrinkles     smooths the skin     strengthens the skin barrier against external harmful substances     prevents scar formation after sun burn or acne     enhances microcirculation
Esculin natural Mat.No. 7267	Preservative: none Stabilizer: none	white to light cream, crystal- line powder	slightly soluble in cold water, readily soluble in hot water and ethanol	0.5 - 3.0 %	produced from the bark of fraxinus ornus     anti-enzymatic efficacy (hyaluronidase, collagenase)     improves micro-circulation     vasokinetic     soothes the skin     absorbs UV-B light
Ethyl Ascorbic Acid Mat.No. 7246	3-O-Ethyl Ascorbic Acid  Preservative: none  Stabilizer: none	white to off- white crystal powder	water soluble	0.1 - 3.0 %	etherified Ascorbic Acid derivative, one of the most stable derivates of ascorbic acid known     penetrates into the skin and shows better efficacy than pure Ascorbic Acid     decreases the generation of melanin by inhibition of tyrosinase activity     acts as an antioxidant     decreases wrinkle progression     reduces fine lines     improves skin lightening     improves radiance and an even skin tone     increases collagen production     reduces and repairs sun damages on the skin     NATRUE certified

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Green Tea Extract (EGCG) 90 Mat.No. 7344	Epigallocatechin Gallate  Preservative: none  Stabilizer: none	fine white powder	soluble in water, glycerin, propylene glycol and ethanol	0.05 - 0.5 %	physically purified natural green tealeaf extract     EGCG content higher than 90 %     also suitable for oral applications and as food supplement     acts as an antioxidant     reduces inflammations     soothes sunburns     helps to prevent wrinkles     helps to prevent photo aging     helps to maintain skin elasticity based on the collagen network     stimulates proliferation and cell differentiation
Hydrolyzed Elastin powder Mat.No. 7323	Hydrolyzed Elastin  Preservative: none  Stabilizer: none	light yellow powder	water soluble	0.5 - 5.0 %	I low molecular weight Elastin with >= 80 %, that is extracted from pork tendon by biotechnological methods amphipathic, i.e., hydrophilic & lipophilic shows a build-up effect on the hair acts as a natural conditioning agent and strengthens the hair shows a significant delay of swelling degree on hair during alkaline process (perms and dying) reduces breakage of hair improves skin elasticity helps to prevent dry skin reduces wrinkles and delays aging
HyVia <sup>™</sup> (Chia Seed Extract) Mat.No. 7319	Salvia Hispanica Seed Oil  Preservative: none  Stabilizer: none	off-yellow to yellow oil	miscible with fats, oils, alcohols, hydrocarbons and ethers; insoluble in water	0.1 - 0.5 %	<ul> <li>extracted from chia seeds</li> <li>rich in fatty acids like omega-3 fatty acids (α-linolenic acid) and omega-6 fatty acids (linoleic acid)</li> <li>100 % inhibition of PME-1 (protein phosphatase methylesterase-1) and fully activates PP2A (protein phosphatase 2)</li> <li>boosts aquaporin-3 (AQP3) and increases water transport and hydration in the human skin epidermis</li> <li>skin barrier protection (decreased TEWL)</li> <li>antimicrobial staphylococcus aureus</li> <li>supports lipolysis in human adipocytes</li> <li>protects against blue light induced cell death</li> <li>moisturizer</li> </ul>



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Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Magnesium Ascorbyl Phosphate Mat.No. 6047	Magnesium Ascorbyl Phosphate  Preservative: none  Stabilizer: none	white to almost white powder	water soluble	0.5 - 3.0 %	esterified derivative of Ascorbic Acid, that shows one of the best stability features known     penetrates into the skin and shows better efficacy than pure Ascorbic Acid     decreases the generation of melanin by inhibition of tyrosinase activity     acts as an antioxidant     decreases wrinkle progression     reduces fine lines     improves skin lightening     improves radiance and an even skin tone     increases collagen production     reduces and repairs sun damages on the skin     NATRUE certified
Mangosteen Mat.No. 7254	Mangostin  Preservative: none  Stabilizer: none	light yellow powder	oil soluble	0.02 - 0.5 %	xanthones are produced from mangosteen fruits     xanthones belong to the group of polyphenols     stable against discoloration by UV-light     very effective antioxidant     protects from free radicals     skin soothing
Murumuru Butter (deodorized) Mat.No. 7317	Astrocaryum Murumuru Seed Butter  Preservative: none  Stabilizer: none	white to beige butter with characteristic smell	oil soluble	0.2 - 5.0 %	fat made from the seeds of the spiny Murumuru palm abundant in the Brazilian Amazon Rain forest     rich in saturated compared to unsaturated fatty acids (90/10) mainly lauric, myristic and oleic acid, it also contains vitamins     high melting point of 33°C     reduces transepidermal water loss (TEWL)     restores the natural hydrolipidic layer     strengthens and protects the skin barrier     forms a protective film and acts against dry skin     gives a silky and light skin feel     can be used as replacement of silicones     improves shine of hair, softens hair     cares for dry and chemically treated hair     helps to prevent external oxidation     shows anti-microbial properties     reduces inflammations     COSMOS approved     NATRUE certified

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
NEW N-Acetyl-D- Glucosamin (vegan) Mat.No. 7361	Acetyl Glucosamine  Preservative: none  Stabilizer: none	white crystalli- ne, free flowing powder	water soluble	1 - 4 %	most abundant polymer in nature after cellulose     forms hyaluronan, the main constituent of mammalian cellular microenvironments and of the extracellular matrix     enhances wound healing     improves skin hydration     enhances synthesis of hyaluronic acid helps to maintain skin youth     reduces wrinkles     minimizes hyperpigmentation
NEW OceanDerMX® Balance & Brighten Mat.No. 7351	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Centella Asiatica Leaf Extract, Glycyrrhiza Glabra (Licorice) Root, Pentylene Glycol  Preservative: none  Stabilizer: Pentylene Glycol	translucent dark gold, semi liquid gel	water soluble	1 - 5 %	mixture of New Zealand natural botanicals (native red seaweed, native Mamaku - black fern, Gotu Kola – Centella Asiatica, Liquorice root) with synchronized bioactivity designed to diminish uneven skin tone and imperfections     promotes even skin tone and natural glow     reduces hyperpigmentation and imperfections     reduces age spots     improves skin brightening     boosts the skin with immediate and long-lasting hydration     provides immediate lifting and tightening of the skin     COSMOS approved
NEW OceanDerMX® Balance & Brighten Mat.No. 7351	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Centella Asiatica Leaf Extract, Glycyrrhiza Glabra (Licorice) Root, Pentylene Glycol  Preservative: none  Stabilizer: Pentylene Glycol	translucent dark gold, semi liquid gel	water soluble	1 - 5 %	mixture of New Zealand natural botanicals (native red seaweed, native Mamaku - black fern, Gotu Kola – Centella Asiatica, Liquorice root) with synchronized bioactivity designed to diminish uneven skin tone and imperfections     promotes even skin tone and natural glow     reduces hyperpigmentation and imperfections     reduces age spots     improves skin brightening     boosts the skin with immediate and long-lasting hydration     provides immediate lifting and tightening of the skin     COSMOS approved





Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
NEW OceanDerMX® Calm & Soothe Mat.No. 7352	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Macropiper Excelsum Leaf Extract, Honey, Pentylene Glycol  Preservative: none  Stabilizer: Pentylene Glycol	translucent amber gold, semi liquid gel	water soluble	1 - 5 %	mixture of New Zealand natural botanicals (native red seaweed, native Mamaku - black fern, native Kawakawa tree, native Manuka honey) with synchronized bioactivity designed to help calm, soothe and repair the skin reduces inflammations     calms and soothes the skin     diminishes redness     helps combat blemishes     helps balance oily and acne prone skin     shows anti-bacterial and antimicrobial activities     boosts the skin with immediate and long-lasting hydration     provides immediate lifting and tightening of the skin     COSMOS approved
NEW OceanDerMX® Lift & Firm Mat.No. 7353	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Cyathea Medullaris Leaf Extract, Pentylene Glycol  Preservative: none  Stabilizer: Pentylene Glycol	translucent light gold, semi liquid gel	water soluble	1 - 5 %	mixture of New Zealand natural botanicals (native red seaweed, native Mamaku - black fern) with synchronized bioactivity designed to diminishing the appearance of fine lines and wrinkles     diminishes the appearance of fine lines and wrinkles     plumps the skin     revitalizes the skin and protects against water loss     boosts the skin with immediate and long-lasting hydration     provides immediate lifting and tightening of the skin     COSMOS approved
NEW OceanDerMX® Restore & Protect Mat.No. 7354	Aqua, Sarcothalia Circumcincta or Kousou Ekisu, Camellia Sinensis Leaf, Cyathea Medullaris Leaf Extract, Ribes Nigrum (Black Currant) Fruit Extract, Pentylene Glycol  Preservative: none  Stabilizer: Pentylene Glycol	translucent amber gold, semi liquid gel	water soluble	1 - 5 %	mixture of New Zealand natural botanicals (native red seaweed, native Mamaku - black fern, green tea, black-currant) with synchronized bioactivity designed to restore and protect skin and hair     shows outstanding detoxifying and antioxidant activity     shields immediately against urban pollution and free radicals     reduces inflammations     helps to fight against stress     acts as an incredible moisture retainer     boosts the skin with immediate and long-lasting hydration     provides immediate lifting and tightening of the skin     COSMOS approved

Product name	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Papain (200) Mat.No. 7342	Preservative: none  Stabilizer: Maltodextrin  80 %	white or light yellow powder	water soluble	0.1 - 0.3 %	natural enzyme present in relatively high concentration in the green peel and seeds of the Carica papaya fruit with wide proteolysis activity (cysteine protease)     produced based on physical methods (microfiltration, ultrafiltration, and freeze-drying)     shows anti-inflammatory effects     acts as an antioxidant     enhances skin and wound healing     in washing powders, soaps and detergents: removes stains more efficiently     helpful for the absorption and digestion in food supplements     COSMOS approved
Papain (800)  Mat.No. 7343	Preservative: none  Stabilizer: Maltodextrin  40 %	white or light yellow powder	water soluble	0.1 - 0.3 %	natural enzyme present in relatively high concentration in the green peel and seeds of the Carica papaya fruit with wide proteolysis activity (cysteine protease)     produced based on physical methods (microfiltration, ultrafiltration, and freeze-drying)     shows anti-inflammatory effects     acts as an antioxidant     enhances skin and wound healing     in washing powders, soaps and detergents: removes stains more efficiently     helpful for the absorption and digestion in food supplements     COSMOS approved
Peptiboost® Cu L Mat.No. 7311	Aqua, Glycerin, Bis(Tripeptide-1) Copper Acetate or Copper Tripeptide-1  Preservative: none  Stabilizer: Caprylyl Glycol/Ethylhexylglycerin  0.5 %	clear blue solution with characteristic odour	water soluble	5 - 50 %	O.1 % aqueous solution of copper tripeptide, a synthesized endogenous oligopeptide reduces wrinkles remodels the skin increases skin thickness improves skin barrier repair and function improves wound healing stimulates hair growth enlarges hair follicles reduces scar tissue, e.g. from acne acts as an antioxidant non preserved





Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Peptiboost® Cu P Mat.No. 7302	Bis(Tripeptide-1) Copper Acetate or Copper Tripep- tide-1  Preservative: none  Stabilizer: none	blue powder	water soluble	0.05 - 1 %	pure powder of copper tripeptide, a synthesized endogenous oligopeptide     reduces wrinkles     remodels the skin     increases skin thickness     improves skin barrier repair and function     improves wound healing     stimulates hair growth     enlarges hair follicles     reduces scar tissue, e.g. from acne     acts as an antioxidant     non preserved
NEW Peptiboost® Glow Mat.No. 7355	Aqua, Glycerin, Tranexamic Acid, Mandelic Acid, Niacinamide, Lactobionic Acid, Carnosine, Nonapeptide-1  Preservative: none  Stabilizer: Ethylhexylglycerin 0.1 - 0.5 % 1,2 Hexanediol 0.5 - 1.0 %	clear solution	water soluble	0.5 - 10.0 %	innovative, natural complex of six highly efficient active ingredients specially formulated for skin whitening and promotes the natural glow of the skin removes dead horny cells, making the skin look smoother brighten the skin from outside to the inside strengthens the extracellular matrix (ECM) through improved collagen and glycosaminoglycan (GAG) synthesis lighten dullness relieves skin stress and protects from environmental damage improves skin texture promotes an even skin tone helps to maintain skin youth
NEW Peptidox® Eyes Mat.No. 7349	Butylene Glycol, Aqua, Poria Cocos Sclerotium Extract, Dipeptide-2, Acetyl Tetrapeptide-5  Preservative: none  Stabilizer: none	yellow liquid	water soluble	0.5 - 5.0 %	complex of components used in traditional Chinese medizine (Poria Cocos Sclerotium Extract) and bioactive peptides (Dipeptide-2 and Acetyl Tetrapeptide-5)     reduces eye bags     reduces wrinkles and fine lines     reduces inflammations     acts as an antioxidant     minimizes visible signs of stress     targets the tender skin around the eyes

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Peptidox® L Mat.No. 7326	Aqua, Acetyl Hexapeptide-8  Preservative: none  Stabilizer: Caprylyl Glycol 0.5 %	clear solution	water soluble	2 - 10 %	<ul> <li>synthetic, acetylated multi peptide, also known as Acetyl Hexapeptide-3</li> <li>sequence of six (hexa) organic amino acids in L-form (Ac-EEMQRR-NH<sub>2</sub>)</li> <li>preservative free solution with &gt;= 0.05 % peptide content, stabilized with caprylyl glycol</li> <li>non-toxic molecule that mimic the action of BoNTs (Botulinum neurotoxins)</li> <li>reduces wrinkles: 2 % Peptidox® L (cream) decreased wrinkle volume up to of 34.28 % after 56 days, wrinkle area up to 32.61 % and wrinkle ratio up to 33.35 % (overall &gt;30.2 % more effective than benchmark)</li> <li>improves skin elasticity: 2 % Peptidox® L (cream) increased skin elasticity up to 10.03 % after 56 days (similar to benchmark)</li> <li>decreases wrinkle progression</li> </ul>
Peptidox® P Mat.No. 7325	Acetyl Hexapeptide-8  Preservative: none  Stabilizer: none	white powder	water soluble	0.001 - 0.05 % 10 - 500 ppm	synthetic, acetylated multi peptide, also known as Acetyl Hexapeptide-3 sequence of six (hexa) organic amino acids in L-form (Ac-EEMQRR-NH <sub>2</sub> ) pure powder non-toxic molecule that mimic the action of BoNTs (Botulinum neurotoxins) reduces wrinkles: 0.001 % Peptidox® P (cream) decreased wrinkle volume up to of 34.28 % after 56 days, wrinkle area up to 32.61 % and wrinkle ratio up to 33.35 % (overall >30.2 % more effective than benchmark) improves skin elasticity: 0.001 % Peptidox® P (cream) increased skin elasticity up to 10.03 % after 56 days (similar to benchmark) decreases wrinkle progression
Peptidox® Plus P Mat.No. 7300	Acetyl Octapeptide-3  Preservative: none  Stabilizer: none	white powder	water soluble	0.01 - 0.05 % 100 - 500 ppm	synthetic, acetylated octapeptid-3, is a high-quality water-soluble oligopeptide for cosmetic use, especially in antiaging applications     synthesized from octapeptide-3 and acetic acid     pure powder     non-toxic molecule that mimic the action of BoNTs (Botulinum neurotoxins)     reduces wrinkles     improves skin elasticity     decreases wrinkle progression



Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Peptilash® Extend L Mat.No. 7297	Glycerin, Aqua, Panthenol, Trehalose, Biotinoyl Tripeptide-1  Preservative: none  Stabilizer: Caprylyl Glycol 0.25 % Ethylhexylglycerin 0.25 %	colorless to pale beige viscous liquid	water soluble	1 - 5 %	high-quality solution of Biotinoyl Tripeptide-1 with Panthenol and Trehalose for cosmetic use, especially for hair growth and volume     helps eyelashes to appear longer, fuller and stronger     promotes hairbulb keratinocyte proliferation     ensures optimal hair anchorage     increases hair growth and volume     prevents hair loss     suitable for pre-aging formulations (slows down aging effects)     non preserved
Peptilash® Extend P Mat.No. 7296	Biotinoyl Tripeptide-1  Preservative: none  Stabilizer: none	white to off white powder	water soluble	0.0001 - 0.002 % 1 – 20 ppm	pure powder synthetic oligopeptide Biotinoyl Tripeptide-1 for cosmetic use, especially for hair growth and volume     helps eyelashes to appear longer, fuller and stronger     promotes hairbulb keratinocyte proliferation     ensures optimal hair anchorage     increases hair growth and volume     prevents hair loss     suitable for pre-aging formulations (slows down aging effects)     non preserved
Peptilash® Growth L Mat.No. 7313	Aqua, Glycerin, Myristoyl Pentapeptide-17  Preservative: none  Stabilizer: Caprylyl Glycol 0.425 % Ethylhexylglycerin 0.075 %	clear to slightly opaque, co- lourless to yel- lowish viscous solution	water soluble	2 - 10 %	solution of myristoyl pentapeptide-17     it is a signal peptide     stimulates keratin growth     stimulates hair follicle cell growth     thicken and lengthen eyelashes and hairs     fight signs of aging
Peptilash® Growth P Mat.No. 7301	Myristoyl Pentapeptide-17  Preservative: none  Stabilizer: none	white powder	water soluble	0.005 - 0.05 %	pure powder of myristoyl pentapeptide-17     it is a signal peptide     stimulates keratin growth     stimulates hair follicle cell growth     thicken and lengthen eyelashes and hairs     fight signs of aging

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Peptilash® Length P Mat.No. 7303	Myristoyl Hexapeptide-16  Preservative: none  Stabilizer: none	white powder	water soluble	0.002- 0.03 % 20 - 300 ppm	pure powder synthetic oligopeptide myristoyl hexapeptide-16 for cosmetic use, especially for hair growth and volume helps eyelashes to appear longer, fuller and stronger promotes hairbulb keratinocyte proliferation ensures optimal hair anchorage increases hair growth and volume prevents hair loss suitable for pre-aging formulations (slows down aging effects) stimulates keratin growth non preserved
Phytosterol Complex 95 % Mat.No. 7265	Glycine Soja Sterols or Phytosterols  Preservative: none  Stabilizer: none	white to yellow- amber powder	soluble in oils and fatty alcohols	0.02 - 0.5 %  1.0 - 2.0 % in dermato- logical pro- ducts	<ul> <li>Phytosterol Complex 95 % is produced from soybeans</li> <li>contains min. 40 % ß-sitosterol, stigmasterol and campesterol</li> <li>application of 0.5 % Phytosterol Complex 95 % shows pronounced effect on regenerating skin barrier function by 90 % after 96h</li> <li>application of 0.5 % Phytosterol Complex 95 % reduces sebum production by 13.7 %</li> <li>Phytosterol Complex 95 % shows great anti-inflammatory effect with reduction of IL-6 production by 134 %</li> <li>anti-itching</li> <li>works against edema</li> <li>COSMOS approved</li> <li>NATRUE certified</li> </ul>
Red Tourmaline Mat.No. 7277	Tourmaline  Preservative: none  Stabilizer: none	White to light grey powder without odour	insoluble	0.5 - 1 %	fine powder of tourmaline (semiprecious stone)     contains following minerals:     Lithium Tourmaline     Feldspar     Quartz-Aluminium oxide like Kaolin     for wellness products



Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Rutin Mat.No. 7225	Rutin  Preservative: none  Stabilizer: none	light greenish yellow powder	soluble in phenethyl alcohol	0.001 - 0.05 %	extracted from Saphora japonica flowers     bioflavonoid, also called vitamin P     very strong antioxidant     very effective against oxygen radicals     anti-inflammatory     stabilizes blood membranes     anti-microbial (against dandruff)     NATRUE certified
Salicylic Acid natural Mat.No. 7324	Salicylic Acid  Preservative: none  Stabilizer: none	white to slightly yellowish powder	soluble in ethanol, pentylene glycol; insoluble in water	0.5 - 2.0 % in skin care products (leave-on and rinse-off)  0.1 - 3.0 % in hair care products (rinse-off)  15 - 40 % in medical application against acne and freckles  <= 0.5 % as preservative	produced from Wintergreen oil and Caustic Acid one of the most effective skin care ingredients used to treat and prevent acne shows strong exfoliating effects (chemical peeling) removes dead cells reduces inflammations inhibits sebum secretion shows good effect on melasma (hyperpigmentation) and post-inflammatory pigmentation acts antimicrobial helps to reduce sings of photoaging helps to get and maintain clear pores suitable as anti-acne cleanser and anti-dandruff agent COSMOS approved
NEW SIGDerma Clean & Sensitive Mat.No. 7322	Disodium Tetramethylhexa- decenylcysteine Formyl- prolinate  Preservative: none  Stabilizer: none	off-white to light brown solid	miscible in water (>10 %), insoluble in alcohols or oils	0.1 - 1 %	SIGDerma Clean & Sensitive is a proprietary Isoprenylcysteine (IPC) molecule developed by Dr. Jeffry Stock clinically proven to outerform benzoyl peroxide (BPO) statistical significance ober 8 weeks in thosed with acne prone skin not irritating the skin unlike BPO anti-bacterial activity, kills acne and works effectively better than BPO or sylicylic acid in epidermal keratinocytes SIGDerma Clean & Sensitive strongly inhibits TLR2/2 and TLR2/6 induced IL-8 release blocks T-cell receptor induced IL-17 production, which has been reported to contribute to acne pathogenesis

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
NEW SIGDerma Hydro Extend Mat.No. 7320	Acetylglutaminoyl Farnesylcysteine  Preservative: none  Stabilizer: none	off-white to light brown free-flowing solid	miscible in water (>10 %), insoluble in alcohols or oils	0.05 - 0.25 %	SIGDerma Hydro Extend is a proprietary Isoprenylcysteine (IPC) molecule developed by Dr. Jeffry Stock strongly inhibits production of proinflammatory cytokines IL-8 and TNFα prevents the oxidative damage associated with chronic inflammation and stress delivers an immediate reduction of fine lines and wrinkles boosts aquaporin-3 (AQP3) and increases water transport and hydration in the skin epidermis decreases puffiness and dark circles gives an even and brighten look in the eye area effective moisturizer
Sodium Ascorbyl Phosphate  Mat.No. 7307	Sodium Ascorbyl Phosphate  Preservative: none  Stabilizer: none	white to almost white powder with no smell	soluble in water, glyce- rol or propy- lene glycol	0.2 - 2.0 skin care 3.0 - 5.0 skin white- ning	esterified derivative of Ascorbic Acid     penetrates into the skin and shows     better efficacy than pure Ascorbic Acid     decreases the generation of melanin     by inhibition of tyrosinase activity     acts as an antioxidant     decreases wrinkle progression     reduces fine lines     improves skin lightening     improves radiance and an even skin     tone     increases collagen production     reduces and repairs sun damages on     the skin
NEW Sodium Poly- glutamat Mat.No. 7360	Sodium Polyglutamate  Preservative: none  Stabilizer: none	white to off white granular or powder	water soluble	0.01 - 1 %	<ul> <li>kind of polypeptide in which glutamate is polymerized via γ-amide linkages</li> <li>biosynthesized from L-glutamic acid using a microbe known as Bacillus subtilis</li> <li>increases skin elasticity and moisturizing capacity</li> <li>increase the production of Natural Moisture Factor (NMF)</li> <li>inhibits hyaluronidase activity</li> <li>acts as an embedding delivery system maximizing actives efficacy</li> <li>improves skin health</li> <li>brightens the skin</li> <li>enhances an even skin tone</li> </ul>





Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Stearyl Glycyrrhetinate Mat.No. 7227	Stearyl Glycyrrhetinate  Preservative: none  Stabilizer: none	white or yellowish powder	oil soluble	0.02 - 0.5 %	pentacyclic triterpene acid extracted from liquorice root     stearylester of 18-ß glycyrrhetinic acid     antiphlogistic     controls sebum release     skin soothing     COSMOS approved     NATRUE certified
NEW Superoxide Dismutase Mat.No. 7359	Superoxide Dismutase  Preservative: none  Stabilizer: Maltodextrin 5 - 15 %	light yellow powder	Water solub- le, insoluble in pentylen glycol, ethanol and glycerin	0.1 - 1 %	<ul> <li>enzyme that catalyzes the dismutation of the superoxide radical into ordinary molecular oxygen (O2) and hydrogen peroxide (H2O2)</li> <li>important antioxidant defending living cells from harmful oxygen exposure</li> <li>obtained from Roxburgh Rose (Rosa Roxburghii, also known as a chestnut rose)</li> <li>acts as an antioxidant</li> <li>helps to maintain skin youth</li> <li>protects the skin from environmental damages</li> <li>reduces inflammations</li> <li>fights acne</li> <li>prevents wrinkle formation and loss of elasticity</li> </ul>
Tannic Acid, powder pure Ph EUR, USP Mat.No. 7053	Tannic Acid  Preservative: none  Stabilizer: none	brownish to yellow fine powder with no odour	soluble in water (up to 25 %) and in alcohol	0.05 - 0.3 %	active ingredients out of oak gall nuts very high antioxidative power (AP) of 681.719 AU antioxidative units, in comparison to vitamin C of 1.000.000 AU as higher the AP as higher is the capacity to neutralize free radicals astringent anti-inflammatory effective against bacterias NATRUE certified
Troxerutin Mat.No. 7293	Troxerutin  Preservative: none  Stabilizer: none	yellow-green crystalline powder	soluble in water, pen- tylene and propylene glycol, slightly soluble in ethanol	0.1 - 2 %	is one of the most stable bioflavonoids shows a better solubility as Rutin anti-inflammatory enhances the absorption of vitamin C improves microcirculation promoting new angiogenesis to promote collateral circulation increases capillary resistance and reduce capillary permeabillity antibacterial

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
Turmeric Oil (CO <sub>2</sub> ) Mat.No. 7250	Curcuma Longa Root Extract  Preservative: none  Stabilizer: none	yellowish orangish liquid with aromatic odour, typical of turmeric	oil soluble	0.05 - 2.0 %	CO <sub>2</sub> extracted essential oil out of curcuma longa root contains turmerone soothes skin antioxidant (ROS reactive oxygene species) gives an even skin-tone and glow to skin useful in aromatherapy for relaxing, balancing and stimulating NATRUE certified
Ursolic Acid Na-Salt natural Mat.No. 7278	Sodium Ursolate, Sodium Oleanolate  Preservative: none  Stabilizer: none	white powder	soluble in pentylene glycol and propylene glycol	0.1 - 0.3 %	mixture of Ursolic acid Sodium Salt and Oleanolic acid Sodium Salt (pentacyclic triterpenoid acids)     minimizes photo-aging     enhances skin elasticity     acts as an antioxidant     reduces inflammatory     stabilizes liposome membranes     shows anti-tumor activity     shows anti-microbial activity     reduces wrinkles     NATRUE certified
ViaFerm® White Shiitake Mat.No. 7274	Lentinus Edodes Mycelium Extract  Preservative: Phenoxyethanol 0.5 %  Stabilizer: Caprylyl Glycol 0.5 %	light yellow am- ber liquid with characteristic odour	water soluble	2.0 %	<ul> <li>biotechnological derived extract from shiitake mushroom ferment</li> <li>skin lightening</li> <li>against age spots</li> <li>degrades melanin</li> <li>anti-inflammatory</li> </ul>
ViaPure® Andrographis Mat.No. 7272	Andrographis Paniculata Leaf Extract  Preservative: none  Stabilizer: none	white crystalli- ne powder with characteristic odour	soluble in glycols	0.1 - 0.2 %	extract from the leaves of andrographis paniculata     with min. 95 % of andrographolides     anti-inflammatory     soothing     skin lightening     against dark circles     against oxidative stress     COSMOS approved







Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
ViaPure® Boswellia Green Mat.No. 7308	Boswellia Serrata Resin Extract  Preservative: none  Stabilizer: none	pale yellow to off white powder with characteristic odour	oil soluble	0.1 - 0.2 %	Ilipophilic extract from boswellia serrata resin contains min. 65 % boswellic acids soothing firming inhibits elastase improves skin barrier function COSMOS approved NATRUE certified
ViaPure® Citrus Mat.No. 7273	Citrus Grandis Peel Extract  Preservative: none  Stabilizer: none	yellow powder with characte- ristic odour	soluble in ethanol	0.1 - 0.2 %	<ul> <li>extract from paring of young grape-fruits</li> <li>contains min. 95 % apigenin</li> <li>protects body's own hyaluronic acid</li> <li>anti-inflammatory</li> <li>repair effect</li> <li>protects DNA from UV-damage</li> </ul>
ViaPure® Coleus Mat.No. 7269	Coleus Barbatus Root Extract  Preservative: none  Stabilizer: none	white powder with characte- ristic odour	soluble in glycols	0.05 - 0.1 %	extract from the roots of coleus barbatus     contains min. 97 % forskolin     improves barrier repair and barrier function     contributes to healthier stratum corneum     prevents UVB and DNA damage     stimulates DNA repair     anti-inflammatory     supports lipolysis in human adipocytes
ViaPure® Hops Mat.No. 7271	Humulus Lupulus Extract, Linoleic Acid, Linolenic Acid  Preservative: none  Stabilizer: none	dark amber oil with sharp pungent odour	oil soluble	1.0 %	<ul> <li>CO<sub>2</sub> extract from humulus lupulus (hops)</li> <li>contains min. 25 % dihydroiso-α-humulones</li> <li>prevents buildup of spider veins</li> <li>soothing</li> <li>prevents dark circles</li> </ul>
ViaPure® Licorice White Mat.No. 7276	Glycyrrhiza Glabra Root Extract  Preservative: none  Stabilizer: none	beige powder with slight odour	soluble in glycols	0.03 - 0.05 %	extract from glycyrrhiza glabra (licorice roots)     contains min. 95 % glabridin     skin lightening     reduces age spots     soothing     antioxidant     anti-microbial

Product name	INCI- Name	Appearance	Solubility	Use concen- tration	Benefits
ViaPure® Poria Mat.No. 7270	Preservative: none  Stabilizer: none	light yellow powder with characteristic odour	soluble in pentylene and butylene glycol	0.1 - 0.2 %	extract from poria cocos     contains triterpenoids (lanostane type)     anti-inflammatory     anti-edematous     soothing     decreases redness     decreases puffiness     for sensitive and atopic skin
ViaPure® Rice Mat.No. 7282	Oryza Sativa Bran Extract  Preservative: none  Stabilizer: none	white powder with a typical smell	water soluble	max. 1.0 %	dried water extract of rice bran     contains min. 90 % phytic acid (known as inositol hexaphosphate, IP6)     more effective exfoliator than glycolic acid     increase cell turnover     desquamation     skin-tone lightening     antioxidant     chelation     COSMOS approved     NATRUE certified
Vitamin A Acetate Mat.No. 7309	Retinyl Acetate  Preservative: none  Stabilizer: none	straw yellow crystal	soluble in most organic solvents (acetone, chloroform, ethanol, isopropanol) and in fats or oils (750g/100 mL); insoluble in water and glycerol	Body lotions max. 0.05 % Hand and face creams max. 0.3 %	also named retinyl acetate naturally occurring ester of Vitamin A to increase the stability acetic acid was bound to the easily degradable Vitamin A reduces inflammations helps to fight acne reduces wrinkles acts as an antioxidant increases skin thickness increases cell growth helps to maintain sebum integrity

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### Contact

Nature needs no cosmetics, but cosmetics need nature.

#### Selco Wirkstoffe Vertriebs GmbH

Straßburg 16 69483 Wald-Michelbach / Germany

Phone: +49 6207 939 94 0 Fax: +49 6207 939 94 10

E-Mail: info@gfn-selco.de Internet: www.gfn-selco.de