



Nature needs no cosmetics,
but cosmetics need nature.

Delivery program



August 2022

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 GfN 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 GfN-Team

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GfN-company profile

Foundation	1983 by Heidrun and Helmut Lindner in Hammelbach / Odenwald in Germany
Location	Wald-Michelbach / Odenwald, close to Heidelberg
Product line	high quality plant derived actives, polysaccharides, rheological modifiers, radical scavengers and antioxidants, metabolic activators, native collagen- and elastin-solutions
New management	1996 by Michèle Lindner
DIN ISO	certification conform to DIN ISO 9001:2015 since June 2016
Company extension	1997 foundation of commercial firm Selco GmbH 2021 foundation of firm KBM GmbH
Company rebuilding	2013 purchase and 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

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product overview

Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to	Hydration, Moisturizer	Skin Protection, Radical Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	Anti-Acne-Products / Deodorant	Decorative Cosmetics	Medical Application / Nutrition, Food Supplement
			1	2	3	4	5	6	7	8	9	10	13 14	
Atecoron Plus® PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	1072		●	●		●	●			●			
Collaplex 1.0 LL 2.0	Aqua, Soluble Collagen	1017		●			●				●			
Collaplex 1.0 PHE	Aqua, Soluble Collagen	1015		●			●				●			
Desamido-collagen K 1.5	Aqua, Desamido Collagen	1040		●			●				●			
Desaron®	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	1050		●	●		●	●			●			
Desaron® Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	1051		●	●		●	●			●			
Elastin PG 2000	Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	1090		●						●				
Elastin PHE 1.0	Hydrolyzed Elastin, Desamido Collagen	1095		●						●				
Ethyl Ferulate COS	Ethyl Ferulate	5012	C N		●					●	●	●		
Ethyl Ferulate natural*	Ethyl Ferulate	5007	E N		●					●	●	●		

* = not available in every country

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Product	INCI	Mat. No.	conform to	Hydration, Moisturizer	Skin Protection, Radical Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	Anti-Acne-Products / Deodorant	Decorative Cosmetics	Medical Application / Nutrition, Food Supplement
				1	2	3	4	5	6	7	8	9	10	13 14
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	5001			●					●	●	●		
Ferulic Acid natural	Ferulic Acid	5003	C		●		●				●	●		
Ferulic Acid synthetic	Ferulic Acid	5002			●		●				●	●		
Hyaluronic Acid Na-Salt 1% solution PHE	Aqua, Sodium Hyaluronate	3038		●			●	●			●			
Hyaluronic Acid Na-Salt P100*	Sodium Hyaluronate	3041												●
Hyaluronic Acid Na-Salt (Pharma grade) CEP*	Sodium Hyaluronate	3023												●
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	3300	C N	●	●		●	●			●			
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	2028		●			●	●			●		●	
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	2039		●			●	●			●		●	

* = not available in every country

Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to	Hydration, Moisturizer	Skin Protection, Radical Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	Anti-Acne-Products / Deodorant	Decorative Cosmetics	Medical Application / Nutrition, Food Supplement
			1	2	3	4	5	6	7	8	9	10	13 14	
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	2034	C N	●			●	●	●		●		●	
Linseed Extract NP	Linum Usitatissimum Seed Extract	6022	C	●			●	●			●		●	
Nutrihyl Hyaluronic Acid Na-Salt* (food supplement)	Sodium Hyaluronate	3030												●
Omega-CH-Activator®	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	3001			●	●					●			
Omega-CH-Activator® F	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	3003			●	●					●			
Omega-CHS-Activator	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	3002			●	●					●			

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Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to	Hydration, Moisturizer	Skin Protection, Radical Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	Anti-Acne-Products / Deodorant	Decorative Cosmetics	Medical Application / Nutrition, Food Supplement
				1	2	3	4	5	6	7	8	9	10	13 14
Omega-CHS-Activator F	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	3008			●	●					●			
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	2999		●	●	●	●				●			
Quince Extract 2,5% NP	Pyrus Cydonia Seed Extract	6021	C N	●	●		●	●			●		●	
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	5053	C N		●		●	●		●	●		●	
Yeast Extract SC-B	Faex Extract	2003			●	●				●				

GfN products in alphabetical order and their benefits

Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
<p>Atecoron Plus® PHE 1.2</p> <p>Mat.No. 1072</p>	<p>Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen</p> <p>Preservative: Phenoxyethanol: 1.20 %</p> <p>Stabilizer: Sodium Citrate buffer: 0.9 %</p>	opaque, viscous solution with a slight smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> • inimitable combination of atelocollagen and different molecular weights of bio-technologically derived Sodium Hyaluronate: SMW 1.5-1.8 MDa (0.2 %), LMW 0.25-0.45 MDa (0.5 %), VLMW 10-20 kDa (0.3 %) • shows an outstanding high water absorption capacity • improves inner skin structure • reduces wrinkles and fine lines • improves skin smoothness and skin feel • acts as a natural moisturization agent • forms a protective film on the skin • improves sensorial properties
<p>Collaplex 1.0 LL 2.0</p> <p>Mat.No. 1017</p>	<p>Aqua, Soluble Collagen</p> <p>Preservative: none</p> <p>Stabilizer: Radish Root Ferment Filtrate: 2.0 % Sodium Citrate buffer: 1.0 %</p>	opaque, yellowish, slight viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> • ropelike triple helix native collagen for use in high quality cosmetic products • contains some natural concomitant substances which are bound to the collagen as a result of the mild process of extraction from calves hides originated in Germany • reduces wrinkles and fine lines • improves skin smoothness and skin feel • acts as a natural moisturization agent • forms a protective film on the skin • improves sensorial properties
<p>Collaplex 1.0 PHE</p> <p>Mat.No. 1015</p>	<p>Aqua, Soluble Collagen</p> <p>Preservative: Phenoxyethanol: 1.0 %</p> <p>Stabilizer: Sodium Citrate buffer: 1.0 %</p>	opaque, viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> • ropelike triple helix native collagen for use in high quality cosmetic products • contains some natural concomitant substances which are bound to the collagen as a result of the mild process of extraction from calves hides originated in Germany • reduces wrinkles and fine lines • improves skin smoothness and skin feel • acts as a natural moisturization agent • forms a protective film on the skin • improves sensorial properties

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Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Desamidocollagen K 1.5 Mat.No. 1040	Aqua, Desamido Collagen Preservative: Phenoxyethanol: 0.288 % Methylparaben: 0.064 % Ethylparaben: 0.032 % Propylparaben: 0.016 % Stabilizer: none	milky, viscous solution with a typical smell	water soluble	0.5 - 4 %	<ul style="list-style-type: none"> • ropelike triple helix native collagen for use in high quality cosmetic products • isolated by an alkaline extraction process from calves hides originated in Germany • reduces wrinkles and fine lines • improves skin smoothness and skin feel • acts as a natural moisturization agent • forms a protective film on the skin • improves sensorial properties
Desaron[®] Mat.No. 1050	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate Preservative: Phenoxyethanol: 0.259 % Methylparaben: 0.058 % Ethylparaben: 0.029 % Propylparaben: 0.014 % Stabilizer: Sodium Citrate buffer: 0.9 % Sodium Chloride: 0.75 %	opaque, viscous solution with a typical smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> • synergistic complex of Desamido Collagen and Sodium Hyaluronate • contains minimum 0.9 % of Desamido Collagen and 0.1 % of Sodium Hyaluronate • shows excellent water binding capacity • improves skin softness and elasticity
Desaron[®]Plus PHE 1.2 Mat.No. 1051	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen Preservative: Phenoxyethanol: 1.2 % Stabilizer: Sodium Citrate buffer: 0.9 % Sodium Chloride: 0.75 %	slight opaque, viscous solution with a typical smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> • inimitable combination of Desamido Collagen and different molecular weights of bio-technologically derived Sodium Hyaluronate: SMW 1.5-1.8 MDa (0.2 %), LMW 0.25-0.45 MDa (0.5 %), VLMW 10-20 kDa (0.3 %) • shows an outstanding high water absorption capacity • improves inner skin structure • reduces wrinkles and fine lines • improves skin smoothness and skin feel • acts as a natural moisturization agent • forms a protective film on the skin • improves sensorial properties
Elastin PG 2000 Mat.No. 1090	Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen Preservative: Phenoxyethanol: 0.238 % Methylparaben: 0.053 % Ethylparaben: 0.026 % Propylparaben: 0.013 % Stabilizer: Propylene Glycol: 15 - 17 %	yellow, opaque, slight viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> • aqueous solution out from bovine ligaments (Ligamentum nuchae) • contains hydrolyzed Elastin, Desamido Collagen, Mucopolysaccharides and Triglycerides • shows an excellent water binding capacity • 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

Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Elastin PHE 1.0 Mat.No. 1095	Hydrolyzed Elastin, Desamido Collagen Preservative: Phenoxyethanol: 1.0 % Stabilizer: none	yellow, opaque, slight viscous solution with typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> • aqueous solution out from bovine ligaments (Ligamentum nuchae) • contains hydrolyzed Elastin, Desamido Collagen, Mucopolysaccharides and Triglycerides • shows an excellent water binding capacity • 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
Ethyl Ferulate COS Mat.No. 5012	Ethyl Ferulate Preservative: none Stabilizer: none	creamy white to slight yellowish powder with typical smell	Ethanol, Pentylene Glycol and emulsifier	0.5 - 1 %	<ul style="list-style-type: none"> • naturally lipophilic derivative of Ferulic Acid isolated from rice bran oil • shows the efficacy of a sunscreen (UV-A and UV-B absorption) • acts as a deodorant • acts as an antioxidant and protects from damages due to free radicals • reduces inflammations and counteracts erythema development • acts antimicrobial in cosmetic formulations • soothes the skin • COSMOS approved • NATRUE certified
Ethyl Ferulate natural Mat.No. 5007	Ethyl Ferulate Preservative: none Stabilizer: none	creamy white powder or granules, typical smell, almost odourless	Ethanol, Pentylene Glycol and emulsifier	0.5 - 1 %	<ul style="list-style-type: none"> • naturally lipophilic derivative of Ferulic Acid isolated from rice bran oil • shows the efficacy of a sunscreen (UV-A and UV-B absorption) • acts as a deodorant • acts as an antioxidant and protects from damages due to free radicals • reduces inflammations and counteracts erythema development • acts antimicrobial in cosmetic formulations • soothes the skin • NATRUE certified

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Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Ferulan Active Mat.No. 5001	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil Preservative: none Stabilizer: Ethoxydiglycol: 51 - 100 % Glycerin: 11 - 50 %	clear, slightly yellow, orange to red solution with a typical smell	miscible with 10 % of water; soluble up to 2 % in 20/80 ethanol/water; soluble in ampholytic detergents up to 10 %	2 - 5 %	<ul style="list-style-type: none"> • solution containing 10 % Ferulic acid of synthetic origin • synthetic Ferulic acid was synthesized by the Knoevenagel condensation of Vanillin and Malonic Acid Diethyl Ester in the presence of secondary amines • easier to formulate than pure ferulic acid • shows the efficacy of a sunscreen (UV-A and UV-B absorption) • acts as a deodorant • acts as an antioxidant and protects from damages due to free radicals • reduces inflammations and counteracts erythema development • acts antimicrobial in cosmetic formulations • soothes the skin
Ferulic Acid natural Mat.No. 5003	Ferulic Acid Preservative: none Stabilizer: none	white or off-white powder	soluble in ethanol and propylheptyl caprylate, insoluble in water and oil	0.1 - 0.5 %	<ul style="list-style-type: none"> • natural Ferulic acid isolated from crude rice bran oil • shows the efficacy of a sunscreen (UV-A and UV-B absorption) • acts as a deodorant • acts as an antioxidant and protects from damages due to free radicals • reduces inflammations and counteracts erythema development • acts antimicrobial in cosmetic formulations • COSMOS approved
Ferulic Acid synthetic Mat.No. 5002	Ferulic Acid Preservative: none Stabilizer: none	off-white, light yellow to light pink powder	soluble in ethanol and propylheptyl caprylate, insoluble in water and oil	0.1 - 0.5 %	<ul style="list-style-type: none"> • synthetic Ferulic acid synthesized by the Knoevenagel condensation of Vanillin and Malonic Acid Diethyl Ester in the presence of secondary amines • shows the efficacy of a sunscreen (UV-A and UV-B absorption) • acts as a deodorant • acts as an antioxidant and protects from damages due to free radicals • reduces inflammations and counteracts erythema development • acts antimicrobial in cosmetic formulations
Hyaluronic Acid Na-Salt 1% solution PHE Mat.No. 3038	Aqua, Sodium Hyaluronate Preservative: Phenoxyethanol: 0.95 % Stabilizer: none	clear, viscous solution with a slight smell	water soluble	0.2 - 10 %	<ul style="list-style-type: none"> • 1 % solution of biotechnological Hyaluronic acid • enhances skin hydration • forms a protective film • free of parabens

Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Hyaluronic Acid Na-Salt P100 Mat.No. 3041	Sodium Hyaluronate Preservative: none Stabilizer: none	white or almost white powder, granules or fibrous aggregate	water soluble	depending on area of application	<ul style="list-style-type: none"> • biotechnological Hyaluronic acid Na-Salt for pharmaceutical applications with a bacterial endotoxins content < 0.50 I.U./mg • enhances skin hydration • forms a protective film • shows good water absorption capacity
Hyaluronic Acid Na-Salt (Pharma grade) CEP* Mat.No. 3023	Sodium Hyaluronate Preservative: none Stabilizer: none	white or almost white powder, granules or fibrous aggregate	water soluble	depending on area of application	<ul style="list-style-type: none"> • biotechnological Hyaluronic acid Na-Salt for pharmaceutical applications with a bacterial endotoxins content <0.05 I.U./mg • regulates the synthesis of high-molecular hyaluronic acid • acts as a lubricant in joint fluids • active against arthritis • active against degenerative changes of joints and ligaments
Hyaluronic Acid Na-Salt Triple 1.5% solution Mat.No. 3300	Aqua, Sodium Hyaluronate Preservative: none Stabilizer: Pentylene Glycol: 6.0 %	clear viscous solution with slight smell	water soluble	0.2 - 10 %	<ul style="list-style-type: none"> • aqueous solution of Hyaluronic acid with three different molecular weights • 0.5 % Hyaluronic Acid Na-Salt SMW, standard molecular weight • 0.5 % Hyaluronic Acid Na-Salt LMW (HySilk), low molecular weight • 0.5 % Hyaluronic Acid Na-Salt VLMW (HyActive), very low molecular weight • improves skin hydration significantly and sustainable • optimizes desquamation • improves skin texture through optimization of proteases conditions • reduces TEWL • normalizes sebum production • improves skin barrier function • improves skin thickness • improves skin elasticity and structure • reduces wrinkles • NATRUE certified
Konjac Mannan 1.0 SP Mat.No. 2028	Aqua, Glucomannan or Amorphophallus Konjac Root Extract Preservative: Phenoxyethanol: 0.288 % Methylparaben: 0.064 % Ethylparaben: 0.032 % Propylparaben: 0.016 % Stabilizer: none	nearly clear to opaque, strong viscous solution with a slight smell	water soluble	1 - 20 %	<ul style="list-style-type: none"> • low cost glucomannan solution obtained from the Asiatic tuber Amorphophallus Konjac • min. 0.7 % polysaccharides • natural thickener and viscosity enhancer • improves skin hydration • forms a protective film on the skin • can be worked in up to 90°C • shows high pH-stability (2 - 7)

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Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Konjac Mannan 1.0 SP PHE 1.0 Mat.No. 2039	Aqua, Glucomannan or Amorphophallus Konjac Root Extract Preservative: Phenoxyethanol: 1.0 % Stabilizer: none	nearly clear to opaque, strong viscous solution with a slight smell	water soluble	1 - 20 %	<ul style="list-style-type: none"> • low cost glucomannan solution obtained from the Asiatic tuber Amorphophallus Konjac • min. 0.7 % polysaccharides • natural thickener and viscosity enhancer • improves skin hydration • forms a protective film on the skin • can be worked in up to 90°C • shows high pH-stability (2 - 7) • free of parabens
Konjac Mannan gel powder Mat.No. 2034	Glucomannan or Amorphophallus Konjac Root Extract Preservative: none Stabilizer: none	white to cream white powder with a typical smell	water soluble	0.05 -1.2 %	<ul style="list-style-type: none"> • glucomannan obtained from the Asiatic tuber Amorphophallus Konjac • natural thickener, viscosity enhancer • forms gels with other natural thickener Carrageenan (synergistic effect) without sticky effect • improves skin hydration • forms a protective film on the skin • shows high pH-stability (2 - 7) • COSMOS approved • NATRUE certified
Linseed Extract NP Mat.No. 6022	Linum Usitatissimum Seed Extract Preservative: none Stabilizer: natural Phenylethylalcohol: 1.0 %	slight viscous, light yellow to slight brownish solution with a typical smell	water soluble	2 - 5 %	<ul style="list-style-type: none"> • aqueous extract from 5 % organic linseeds • contains min. 0.30 % polysaccharides • improves skin hydration • enhances wound healing • gives a silky skin feel • non preserved • COSMOS approved
Nutrihyl Hyaluronic Acid Na-Salt (food supplement) Mat.No. 3030	Sodium Hyaluronate Preservative: none Stabilizer: none	white to yellowish powder or granules	water soluble	20 mg/100 kg body weight	<ul style="list-style-type: none"> • biotechnological Hyaluronic acid • Hyaluronic acid for the dietary supplement • for systematic oral administration • against arthritis • against degenerative changes of joints and ligaments
Omega-CH-Activator[®] Mat.No. 3001	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate Preservative: Sodium Methylparaben: 0.1 % Phenoxyethanol: 0.158 % Methylparaben: 0.035 % Ethylparaben: 0.018 % Propylparaben: 0.009 % Stabilizer: none	clear, slight yellow solution with a typical smell	water soluble	0.8 - 5 %	<ul style="list-style-type: none"> • mixture of amino acids, free radical scavengers and peptides • acts as a moisturizer • enhances cell viability • accelerates wound healing and cell proliferation • acts as an antioxidant • reduces wrinkles and fine lines • minimizes scar tissue • enhances skin thickness • reduces environmental skin damages • enhances hair growth • remodels the skin • enhances Collagen expression

Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
<p>Omega-CH-Activator® F</p> <p>Mat.No. 3003</p>	<p>Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate</p> <p>Preservative: none</p> <p>Stabilizer: none</p>	<p>clear, slight yellow solution with a typical smell</p>	<p>water soluble</p>	<p>0.8 - 5 %</p>	<ul style="list-style-type: none"> • mixture of amino acids, free radical scavengers and peptides • acts as a moisturizer • enhances cell viability • accelerates wound healing and cell proliferation • acts as an antioxidant • reduces wrinkles and fine lines • minimizes scar tissue • enhances skin thickness • reduces environmental skin damages • enhances hair growth • remodels the skin • enhances Collagen expression • non preserved
<p>Omega-CHS-Activator</p> <p>Mat.No. 3002</p>	<p>Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate</p> <p>Preservative: Sodium Methylparaben: 0.1 % Phenoxyethanol: 0.158 % Methylparaben: 0.035 % Ethylparaben: 0.018 % Propylparaben: 0.009 %</p> <p>Stabilizer: Citric Acid: 0.2-1.0 % Sodium Lactate: 0.2-1.0 % Sorbitol: 0.2-1.0 % Isopropanol: 0.2-1.0 %</p>	<p>slightly yellow to amber solution with a typical smell</p>	<p>water soluble</p>	<p>0.8 - 5 %</p>	<ul style="list-style-type: none"> • mixture of amino acids, free radical scavengers and peptides • acts as a moisturizer • enhances cell viability • accelerates wound healing and cell proliferation • acts as an antioxidant • reduces wrinkles and fine lines • minimizes scar tissue • enhances skin thickness • reduces environmental skin damages • enhances hair growth • remodels the skin • enhances Collagen expression

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Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Omega-CHS-Activator F Mat.No. 3008	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate Preservative: none Stabilizer: Citric Acid: 0.2 - 1.0 % Sodium Lactate: 0.2 - 1.0 % Sorbitol: 0.2 - 1.0 % Isopropanol: 0.2 - 1.0 %	slightly yellow to amber solution with a typical smell	water soluble	0.8 - 5 %	<ul style="list-style-type: none"> • mixture of amino acids, free radical scavengers and peptides • acts as a moisturizer • enhances cell viability • accelerates wound healing and cell proliferation • acts as an antioxidant • reduces wrinkles and fine lines • minimizes scar tissue • enhances skin thickness • reduces environmental skin damages • enhances hair growth • remodels the skin • enhances Collagen expression • non preserved
Omega-CTP-Active PHE Mat.No. 2999	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate Preservative: Phenoxyethanol: 1.0 % Stabilizer: none	clear, slight yellow solution with a typical smell	water soluble	1 - 5 %	<ul style="list-style-type: none"> • mixture of amino acids, free radical scavengers and peptides • acts as a moisturizer • enhances cell viability • accelerates wound healing and cell proliferation • acts as an antioxidant • reduces wrinkles and fine lines • minimizes scar tissue • enhances skin thickness • reduces environmental skin damages • enhances hair growth • remodels the skin • free of parabens
Quince Extract 2,5 % NP Mat.No. 6021	Pyrus Cydonia Seed Extract Preservative: none Stabilizer: Natural Phenylethylalcohol: 1.0 %	slight brownish, viscous solution with a typical, fruity smell	water soluble	4 - 20 %	<ul style="list-style-type: none"> • aqueous extract of 2.5 % quince seeds • min. 0.25 % polysaccharides • improves skin hydration • reduces inflammations (IL-6 production) • shows good pH-stability (3 - 12) • non preserved • COSMOS approved • NATRUE certified

Productname	INCI- Name	Appearance	Solubility	Use concentration	Benefits
<p>Sabal Serrulata lipophilic</p> <p>Mat.No. 5053</p>	<p>Serenoa Serrulata Fruit Extract, Tocopherol</p> <p>Preservative: none</p> <p>Stabilizer: Tocopherol: 0.2 %</p>	<p>clear to slight opaque, green to yellow colored solution with a typical smell</p>	<p>oil soluble</p>	<p>0.5 - 5 %</p>	<ul style="list-style-type: none"> • lipophilic extract from Sabal Serenoa nuts • min. 2 % phytosterols • contains free fatty acids • reduces inflammations (IL-6 production) • shows an enormous effect on regenerating the skin barrier function • cares dry and itchy skin • brings shine on hair • COSMOS approved • NATRUE certified
<p>Yeast-Extract SC-B</p> <p>Mat.No. 2003</p>	<p>Faex Extract</p> <p>Preservative: Phenoxyethanol: 0.230 % Methylparaben: 0.051 % Ethylparaben: 0.026 % Propylparaben: 0.013 % Dehydroacetic Acid: 0.24 % Potassium Sorbate: 0.08 %</p> <p>Stabilizer: Propylene Glycol: 25 %</p>	<p>nearly clear, brownish solution with a typical smell</p>	<p>water soluble</p>	<p>2 - 4 %</p>	<ul style="list-style-type: none"> • cell liquid from baker's yeast • activates cell metabolism • stimulates oxygen consumption • stimulates ATP synthesis • acts as a radical scavenger

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1 - Hydration • Moisturizer

Productname	INCI- Name	Solubility
Atecoron Plus [®] PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Collaplex 1.0 LL 2.0	Aqua, Soluble Collagen	water soluble
Collaplex 1.0 PHE	Aqua, Soluble Collagen	water soluble
Desamidocollagen K 1.5	Aqua, Desamido Collagen	water soluble
Desaron [®]	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble
Desaron [®] Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Elastin PG 2000	Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	water soluble
Elastin PHE 1.0	Hydrolyzed Elastin, Desamido Collagen	water soluble
Hyaluronic Acid Na-Salt 1% solution PHE	Aqua, Sodium Hyaluronate	water soluble
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	water soluble
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Linseed Extract NP	Linum Usitatissimum Seed Extract	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble

2 - Skin Protection • Radical Scavenger

Productname	INCI- Name	Solubility
Atecoron Plus® PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Desaron®	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble
Desaron® Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Ethyl Ferulate COS	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	<ul style="list-style-type: none"> up to 2 % • soluble in water/Ethanol mixture 80:20 up to 10 % • soluble in ampholytic detergents • miscible with 10 % of water
Ferulic Acid natural	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Ferulic Acid synthetic	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	water soluble
Omega-CH-Activator®	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CH-Activator® F	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CHS-Activator	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble

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2 - Skin Protection • Radical Scavenger

Productname	INCI- Name	Solubility
Omega-CHS-Activator F	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Yeast-Extract SC-B	Faex Extract	water soluble

3 - Metabolic Activator • Energizer

Productname	INCI- Name	Solubility
Omega-CH-Activator [®]	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CH-Activator [®] F	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CHS-Activator	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CHS-Activator F	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Yeast-Extract SC-B	Faex Extract	water soluble

4 - Skin Smoothing

Productname	INCI- Name	Solubility
Atecoron Plus® PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Collaplex 1.0 LL 2.0	Aqua, Soluble Collagen	water soluble
Collaplex 1.0 PHE	Aqua, Soluble Collagen	water soluble
Desamidocollagen K 1.5	Aqua, Desamido Collagen	water soluble
Desaron®	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble
Desaron® Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Ferulic Acid natural	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Ferulic Acid synthetic	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Hyaluronic Acid Na-Salt 1% solution PHE	Aqua, Sodium Hyaluronate	water soluble
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	water soluble
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Linseed Extract NP	Linum Usitatissimum Seed Extract	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble

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5 - Improvement of Skin Feel

Productname	INCI- Name	Solubility
Atecoron Plus [®] PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Desaron [®]	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble
Desaron [®] Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Hyaluronic Acid Na-Salt 1% solution PHE	Aqua, Sodium Hyaluronate	water soluble
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	water soluble
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
22 Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Linseed Extract NP	Linum Usitatissimum Seed Extract	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble

6 - Thickener • Rheological Additive

Productname	INCI- Name	Solubility
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble

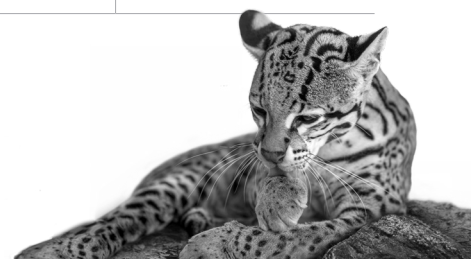
7 - Hair Care • Body Wash

Productname	INCI- Name	Solubility
Elastin PG 2000	Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	water soluble
Elastin PHE 1.0	Hydrolyzed Elastin, Desamido Collagen	water soluble
Ethyl Ferulate COS	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	up to 2 % • soluble in water/Ethanol mixture 80:20 up to 10 % • soluble in ampholytic detergents • miscible with 10 % of water
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Yeast-Extract SC-B	Faex Extract	water soluble

8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
Atecoron Plus® PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Collaplex 1.0 LL 2.0	Aqua, Soluble Collagen	water soluble
Collaplex 1.0 PHE	Aqua, Soluble Collagen	water soluble
Desamidocollagen K 1.5	Aqua, Desamido Collagen	water soluble
Desaron®	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble

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8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
Desaron [®] Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Ethyl Ferulate COS	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	<ul style="list-style-type: none"> up to 2 % • soluble in water/Ethanol mixture 80:20 up to 10 % • soluble in ampholytic detergents • miscible with 10 % of water
Ferulic Acid natural	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Ferulic Acid synthetic	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Hyaluronic Acid Na-Salt 1% solution PHE	Aqua, Sodium Hyaluronate	water soluble
Hyaluronic Acid Na-Salt Triple 1.5% solution	Aqua, Sodium Hyaluronate	water soluble
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Linseed Extract NP	Linum Usitatissimum Seed Extract	water soluble
Omega-CH-Activator [®]	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CH-Activator [®] F	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble

8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
Omega-CHS-Activator	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CHS-Activator F	Aqua, Panthenol, Glycine, Glycerin, PEG-400, Mannitol, Tromethamine, Glutamic Acid, Arginine HCl, Alanine, Aspartic Acid, Lysine Hydrochloride, Leucine, Valine, Citric Acid, Isopropyl Alcohol, Sodium Lactate, Sorbitol, Glucose, Phenylalanine, Isoleucine, Tyrosine, Histidine Hydrochloride, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble

9 - Anti-Acne-Products • Anti-Deodorant

Productname	INCI- Name	Solubility
Ethyl Ferulate COS	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	<p>up to 2 %</p> <ul style="list-style-type: none"> soluble in water/Ethanol mixture 80:20 <p>up to 10 %</p> <ul style="list-style-type: none"> soluble in ampholytic detergents <ul style="list-style-type: none"> miscible with 10 % of water

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9 - Anti-Acne-Products • Anti-Deodorant

Productname	INCI- Name	Solubility
Ferulic Acid natural	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil
Ferulic Acid synthetic	Ferulic Acid	soluble in Ethanol and Propylheptyl Caprylate, insoluble in water and oil

10 - Decorative Cosmetics

Productname	INCI- Name	Solubility
26 Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan gel powder	Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Linseed Extract NP	Linum Usitatissimum Seed Extract	water soluble
Quince Extract 2.5 % NP	Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble

13 - Medical Application

Productname	INCI- Name	Solubility
Hyaluronic Acid Na-Salt P100	Sodium Hyaluronate	water soluble
Hyaluronic Acid Na-Salt (Pharma grade) CEP	Sodium Hyaluronate	water soluble

14 - Nutrition • Food Supplement

Productname	INCI- Name	Solubility
Nutrihyl Hyaluronic Acid Na-Salt (food supplement)	Sodium Hyaluronate	water soluble

GfN_delivery program
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