



Nature needs no cosmetics,  
but cosmetics need nature.

Delivery program



## 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](http://www.gfn-selco.de).

Your GfN-Team

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## GfN-company profile

<b>Foundation</b>	1983 by Heidrun and Helmut Lindner in Hammelbach / Odenwald in Germany
<b>Location</b>	Wald-Michelbach / Odenwald, close to Heidelberg
<b>Product line</b>	high quality plant derived actives, Polysaccharides, rheological modifiers, radical scavengers and antioxidants, Metabolic activators, native Collagen- and Elastin-solutions
<b>New management</b>	1996 by Michèle Lindner
<b>DIN ISO</b>	certification conform to DIN ISO 9001:2015 since June 2016
<b>Company extension</b>	1997 foundation of commercial firm Selco GmbH
<b>Company rebuilding</b>	2013 purchase and modernisation of both company buildings
<b>Distribution</b>	worldwide

## Important to us

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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
- **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
- Realisation of your special **product requirements**:
  - approval according to COSMOS and ECOCERT 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

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## Our GfN Team

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product overview

Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to											
			1	2	3	4	5	6	7	8	9	10	13 14	
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	1070	●	●		●	●			●				
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	Aqua, Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	1090	●							●				
Elastin PHE 1.0	Aqua, Hydrolyzed Elastin, Desamido Collagen	1095	●							●				

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Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to	1	2	3	4	5	6	7	8	9	10	13 14
			Ethyl Ferulate, natural*	Hydration, Moisturizer	Skin Protection, Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	Deodorant	Decorative Cosmetics	Medical Application / Nutrition, Food Supplement
Ethyl Ferulate, natural*	Ethyl Ferulate	5007	E		●					●	●	●		
Ethyl Ferulate COS	Ethyl Ferulate	5012	C		●					●	●	●		
Ferulan Active	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil	5001			●					●	●	●		
Ferulic Acid synthetic	Ferulic Acid	5002			●					●	●	●		
Hyaluronic Acid Na-Salt P100*	Sodium Hyaluronate	3041	C E											●
Hyaluronic Acid Na-Salt (Pharma grade) CEP*	Sodium Hyaluronate	3023												●
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucmannan or Amorphophallus Konjac Root Extract	2037		●			●	●			●		●	
Konjac Mannan 1.0 SP	Aqua, Glucmannan or Amorphophallus Konjac Root Extract	2028		●			●	●			●		●	
Konjac Mannan 1.0 SP PHE 1.0	Aqua, Glucmannan or Amorphophallus Konjac Root Extract	2039		●			●	●			●		●	

\* = not available in every country

C = COSMOS E = ECOCERT

Range of GfN products and their use in alphabetical order

Product	INCI	Mat. No.	conform to	Hydration, Moisturizer	Skin Protection, Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	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 E	●			●	●	●		●		●	
Linseed Extract ORG 1.0 NP	Aqua, 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, Scavenger	Metabolic Activator, Energizer	Skin Smoothing	Improvement of Skin Feel	Thickener, Rheological Additive	Hair Care, Body Care	Sun Protection, After Sun	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	Aqua, Pyrus Cydonia Seed Extract	6021	C E	●	●		●	●			●		●	
Sabal Serrulata lipophilic	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol	5053	E		●		●	●		●	●		●	
Sodium Hyaluronic Acid 1%	Aqua, Sodium Hyaluronate	3011		●			●	●			●			
Sodium Hyaluronic Acid 1% PHE	Aqua, Sodium Hyaluronate	3038		●			●	●			●			
Yeast Extract SC-B	Faex Extract	2003			●	●				●				



GfN products in alphabetical order and their benefits

Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Atecoron	1070	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate  <b>Preservative:</b> Phenoxyethanol: 0.259 % Methylparaben: 0.058 % Ethylparaben: 0.029 % Propylparaben: 0.014 %  <b>Stabilizer:</b> Sodium Citrate buffer: 0.9 %	milky, strong viscous solution with a slight smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> <li>• synergistic complex of atelocollagen and hyaluronic acid</li> <li>• min. 0.9 % atelocollagen</li> <li>• 0.2 % sodium hyaluronate</li> <li>• excellent water binding capacity</li> <li>• improves softness of the skin</li> <li>• stable at neutral pH</li> <li>• suitable for hydrogels</li> </ul>
Atecoron Plus® PHE 1.2	1072	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen  <b>Preservative:</b> Phenoxyethanol: 1.20 %  <b>Stabilizer:</b> Sodium Citrate buffer: 0.9 %	milky, strong viscous solution with a slight smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> <li>• synergistic complex of atelocollagen and hyaluronic acid in different molecular weights</li> <li>• min. 0.5 % atelocollagen</li> <li>• 0.2 % sodium hyaluronate</li> <li>• 0.5 % sodium hyaluronate LMW (HySilk)</li> <li>• 0.3 % sodium hyaluronate VLMW (HyActive)</li> <li>• improves significantly skin hydration</li> <li>• improves significantly inner structure of the skin (mean number of collagen and elastic fibres)</li> <li>• reduces significantly wrinkle depths</li> <li>• penetrates the skin and moistures from within</li> <li>• stimulation of desquamation process</li> <li>• boosts skin renewal</li> <li>• suitable for hydrogels</li> <li>• free of parabens</li> </ul>
Collaplex 1.0 LL 2.0	1017	Aqua, Soluble Collagen  <b>Preservative:</b> none  <b>Stabilisatoren:</b> Radish Root Ferment Filtrate: 2.0 % Sodium Citrate buffer: 1.0 %	opaque, yellowish, slight viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> <li>• native, acid soluble Collagen</li> <li>• min. 1 % collagen</li> <li>• stabilized with radish root ferment filtrate (Leuconostoc kimchii)</li> <li>• moisturizing</li> <li>• water-retaining</li> <li>• film forming</li> <li>• non preserved</li> </ul>

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Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Collaplex 1.0 PHE	1015	Aqua, Soluble Collagen  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilisatoren:</b> Sodium Citrate buffer: 1.0 %	opaque, viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> <li>• native, acid soluble collagen</li> <li>• min. 1 % collagen</li> <li>• preserved with 1.0 % phenoxyethanol</li> <li>• moisturizing effect</li> <li>• film forming</li> <li>• free of parabens</li> </ul>
Desamidocollagen K 1.5	1040	Aqua, Desamido Collagen  <b>Preservative:</b> Phenoxyethanol: 0.288 % Methylparaben: 0.064 % Ethylparaben: 0.032 % Propylparaben: 0.016 %  <b>Stabilizer:</b> none	milky, viscous solution with a typical smell	water soluble	0.5 - 4 %	<ul style="list-style-type: none"> <li>• very competitive native collagen</li> <li>• min. 1.5 % desamido collagen</li> <li>• moisturizing effect</li> <li>• film forming</li> </ul>
Desaron <sup>®</sup>	1050	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate  <b>Preservative:</b> Phenoxyethanol: 0.259 % Methylparaben: 0.058 % Ethylparaben: 0.029 % Propylparaben: 0.014 %  <b>Stabilizer:</b> Sodium Citrate buffer: 0.9 % Sodium Chloride: 0.75 %	milky, viscous solution with a typical smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> <li>• synergistic complex of desamidocollagen and hyaluronic acid Na-salt</li> <li>• contains minimum 0.9 % of desamido collagen and 0.1 % of hyaluronic acid Na-salt</li> <li>• excellent water binding capacity</li> <li>• improves skin softness and elasticity</li> </ul>
Desaron <sup>®</sup> Plus PHE 1.2	1051	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen  <b>Preservative:</b> Phenoxyethanol: 1.2 %  <b>Stabilizer:</b> Sodium Citrate buffer: 0.9 % Sodium Chloride: 0.75 %	milky, viscous solution with a typical smell	water soluble	0.2 - 12 %	<ul style="list-style-type: none"> <li>• synergistic complex of desamidocollagen and hyaluronic acid Na-salt with very low, low and high molecular weight</li> <li>• contains minimum 0.5 % of desamido collagen</li> <li>• 0.2 % sodium hyaluronate</li> <li>• 0.5 % sodium hyaluronate LMW</li> <li>• 0.3 % sodium hyaluronate VLMW</li> <li>• improves significantly inner structure of the skin (mean number of collagen and elastic fibres)</li> <li>• reduces significantly wrinkle depths</li> <li>• penetrates the skin and moistures from within</li> <li>• stimulation of desquamation</li> <li>• boosts skin renewal</li> <li>• free of parabens</li> </ul>

Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Elastin PG 2000	1090	Aqua, Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen  <b>Preservative:</b> Phenoxyethanol: 0.238 % Methylparaben: 0.053 % Ethylparaben: 0.026 % Propylparaben: 0.013 %  <b>Stabilizer:</b> Propylene Glycol: 20 %	yellow, opaque, slight viscous solution with a typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> <li>• natural mixture of low molecular weight elastin, desamido collagen and propylene glycol</li> <li>• min. 3.2 % elastin</li> <li>• 0.1 - 0.6 % desamido collagen</li> <li>• attaches to skin and hair</li> <li>• moisturizing effect</li> <li>• conditioning agent</li> <li>• reduces substantially swelling by alkali during perm and dying treatment of hair</li> </ul> <p><b>Molecular weight Elastin:</b></p> <ul style="list-style-type: none"> <li>• 5.000 - 30.000 Dalton</li> </ul>
Elastin PHE 1.0	1095	Aqua, Hydrolyzed Elastin, Desamido Collagen  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilizer:</b> none	yellow, opaque, slight viscous solution with typical smell	water soluble	0.2 - 6 %	<ul style="list-style-type: none"> <li>• natural mixture of low molecular weight elastin and desamido collagen</li> <li>• 1.1 - 3.9 % elastin</li> <li>• 0.1 - 0.6 % desamido collagen</li> <li>• moisturizing effect</li> <li>• attaches to skin and hair</li> <li>• reduces substantially swelling by alkali during perm and dying treatment of hair</li> <li>• free of parabens</li> </ul> <p><b>Molecular weight Elastin:</b></p> <ul style="list-style-type: none"> <li>• 5.000 - 30.000 Dalton</li> </ul>
Ethyl Ferulate, natural	5007	Ethyl Ferulate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	creamy white powder, almost odourless	Ethanol, Pentylene Glycol and emulsifier	0.5 - 1 %	<ul style="list-style-type: none"> <li>• ester of natural ferulic acid from rice</li> <li>• antioxidant</li> <li>• protects from damage of free radicals</li> <li>• skin soothing</li> <li>• UV-A and UV-B absorption</li> <li>• anti-microbial efficacy</li> <li>• anti-inflammatory</li> </ul>

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Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Ethyl Ferulate COS	5012	Ethyl Ferulate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	creamy white to slight yellowish powder with typical smell	Ethanol, Pentylene Glycol and emulsifier	0.5 - 1 %	<ul style="list-style-type: none"> <li>• ester of natural ferulic acid from rice</li> <li>• antioxidant</li> <li>• protects from damage of free radicals</li> <li>• skin soothing</li> <li>• UV-A and UV-B absorption</li> <li>• anti-microbial efficacy</li> <li>• anti-inflammatory</li> <li>• COSMOS approved</li> </ul>
Ferulan Active	5001	Ethoxydiglycol, Glycerin, Ferulic Acid, PEG-40 Hydrogenated Castor Oil, Oryza Sativa Bran Oil  <b>Preservative:</b> none  <b>Stabilizer:</b> 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"> <li>• synergistic mixture of ferulic acid, emulsifier, solvent and rice bran oil</li> <li>• min. 10 % ferulic acid</li> <li>• antioxidant</li> <li>• protects from damage of free radicals</li> <li>• UV-A and UV-B absorption</li> <li>• anti-microbial efficacy (gram-positive and gram-negative germs)</li> <li>• anti-inflammatory</li> </ul>
Ferulic Acid synthetic	5002	Ferulic Acid  <b>Preservative:</b> none  <b>Stabilizer:</b> none	slight yellow powder	soluble in cold natural oils up to 0.2 %; in warm oils (50°C) with solubilizers (ethanol, PEG-40) 0.5 % ferulic acid is soluble	0.1 - 0.5 %	<ul style="list-style-type: none"> <li>• antioxidant</li> <li>• protects from damage of free radicals</li> <li>• UV-A and UV-B absorption</li> <li>• anti-microbial efficacy</li> <li>• anti-inflammatory</li> </ul>
Hyaluronic Acid Na-Salt P100	3041	Sodium Hyaluronate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	white or almost white powder, granules or fibrous aggregate	water soluble	depending on area of application	<ul style="list-style-type: none"> <li>• for pharmaceutical applications</li> <li>• hydrating</li> <li>• film-forming</li> <li>• good water absorption capacity</li> </ul> <p><b>Protein Content:</b> • ≤ 0.10 %</p>
Hyaluronic Acid Na-Salt (Pharma grade) CEP*	3023	Sodium Hyaluronate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	white or almost white powder, granules or fibrous aggregate	water soluble	depending on area of application	<ul style="list-style-type: none"> <li>• for pharmaceutical applications</li> <li>• Regulator for synthesizing high-molecular hyaluronic acid</li> <li>• as lubricant in joint fluids</li> <li>• against arthritis</li> <li>• against degenerative changes of joints and ligaments</li> </ul> <p><b>Protein Content:</b> • ≤ 0.05 %</p>

Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Konjac Mannan 1.0 PHE 1.0	2037	Aqua, Glucomannan or Amorphophallus Konjac Root Extract  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilizer:</b> none	nearly clear to opaque, strong viscous solution with a slight smell	water soluble	1 - 20 %	<ul style="list-style-type: none"> <li>• glucomannan solution obtained from the Asiatic tuber Amorphophallus Konjac</li> <li>• min. 0.8 % polysaccharides</li> <li>• excellent moisturizer</li> <li>• film former</li> <li>• thermostable</li> <li>• pH-stability 2 - 7</li> <li>• free of parabens</li> </ul>
Konjac Mannan 1.0 SP	2028	Aqua, Glucomannan or Amorphophallus Konjac Root Extract  <b>Preservative:</b> Phenoxyethanol: 0.288 % Methylparaben: 0.064 % Ethylparaben: 0.032 % Propylparaben: 0.016 %  <b>Stabilizer:</b> none	nearly clear to opaque, strong viscous solution with a slight smell	water soluble	1 - 20 %	<ul style="list-style-type: none"> <li>• low cost glucomannan solution obtained from the Asiatic tuber Amorphophallus Konjac</li> <li>• min. 0.7 % polysaccharides</li> <li>• excellent moisturizer</li> <li>• film former</li> <li>• thermostable</li> <li>• pH-stability 2 - 7</li> </ul>
Konjac Mannan 1.0 SP PHE 1.0	2039	Aqua, Glucomannan or Amorphophallus Konjac Root Extract  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilizer:</b> none	nearly clear to opaque, strong viscous solution with a slight smell	water soluble	1 - 20 %	<ul style="list-style-type: none"> <li>• low cost glucomannan solution obtained from the Asiatic tuber Amorphophallus Konjac</li> <li>• min. 0.7 % polysaccharides</li> <li>• excellent moisturizer</li> <li>• film former</li> <li>• thermostable</li> <li>• pH-stability 2 - 7</li> <li>• free of parabens</li> </ul>

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Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Konjac Mannan gel powder	2034	Glucomannan or Amorphophallus Konjac Root Extract  <b>Preservative:</b> none  <b>Stabilizer:</b> none	white to cream white powder with a typical smell	water soluble	0.05 -1.2 %	<ul style="list-style-type: none"> <li>• glucomannan obtained from the Asiatic tuber Amorphophallus Konjac</li> <li>• natural thickener, viscosity enhancer</li> <li>• forms gels with other natural thickeners in synergistic way</li> <li>• excellent moisturizer</li> <li>• thermostable</li> <li>• pH-stability 2 - 7</li> <li>• forms no sticky gels</li> </ul>
Linseed Extract ORG 1.0 NP	6022	Aqua, Linum Usitatissimum Seed Extract  <b>Preservative:</b> none  <b>Stabilizer:</b> 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"> <li>• aqueous extract from 5 % organic yellow linseeds</li> <li>• min. 0.30 % polysaccharides</li> <li>• excellent moisturizer</li> <li>• anti-irritant efficacy</li> <li>• film forming properties</li> <li>• wound healing effects</li> <li>• gives a silky skin feel</li> <li>• stabilized with natural Phenethylalcohol</li> <li>• non preserved</li> </ul>
Nutrihyl Hyaluronic Acid Na-Salt (food supplement)	3030	Sodium Hyaluronate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	white to yellowish powder or granules	water soluble	20 mg/100 kg body weight	<ul style="list-style-type: none"> <li>• Hyaluronic acid for the dietary supplement</li> <li>• for systematic oral administration</li> <li>• against arthritis</li> <li>• against degenerative changes of joints and ligaments</li> </ul>
Omega-CH-Activator <sup>®</sup>	3001	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate  <b>Preservative:</b> Sodium Methylparaben: 0.1 % Phenoxyethanol: 0.158 % Methylparaben: 0.035 % Ethylparaben: 0.018 % Propylparaben: 0.009 %  <b>Stabilizer:</b> none	clear, slight yellow solution with a typical smell	water soluble	0.8 - 5 %	<ul style="list-style-type: none"> <li>• mixture of amino acids, radical scavengers and peptides</li> <li>• very effective radical scavenger</li> <li>• superoxide dismutase activity</li> <li>• stimulation of oxygen consumption</li> <li>• accelerates biosynthesis of dermal collagen</li> <li>• moisturizing</li> </ul>

Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Omega-CH-Activator® F	3003	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate  <b>Preservative:</b> none  <b>Stabilizer:</b> none	clear, slight yellow solution with a typical smell	water soluble	0.8 - 5 %	<ul style="list-style-type: none"> <li>• mixture of amino acids, radical scavengers and peptides</li> <li>• very effective radical scavenger</li> <li>• superoxide dismutase activity</li> <li>• stimulation of oxygen consumption</li> <li>• accelerates biosynthesis of dermal collagen</li> <li>• moisturizing</li> <li>• sterile filtered</li> <li>• non preserved</li> </ul>
Omega-CHS-Activator	3002	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  <b>Preservative:</b> Sodium Methylparaben: 0.1 % Phenoxyethanol: 0.158 % Methylparaben: 0.035 % Ethylparaben: 0.018 % Propylparaben: 0.009 %  <b>Stabilizer:</b> 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"> <li>• mixture of amino acids, radical scavengers and peptides</li> <li>• very effective radical scavenger</li> <li>• superoxide dismutase activity</li> <li>• stimulation of oxygen consumption</li> <li>• accelerates biosynthesis of dermal collagen</li> <li>• moisturizing</li> </ul>

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Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Omega-CHS-Activator F	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  <b>Preservative:</b> none  <b>Stabilizer:</b> 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"> <li>• mixture of amino acids, radical scavengers and peptides</li> <li>• very effective radical scavenger</li> <li>• superoxide dismutase activity</li> <li>• stimulation of oxygen consumption</li> <li>• accelerates biosynthesis of dermal collagen</li> <li>• moisturizing</li> <li>• sterile filtered</li> <li>• non preserved</li> </ul>
16 Omega-CTP-Active PHE	2999	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilizer:</b> none	clear, slight yellow solution with a typical smell	water soluble	1 - 5 %	<ul style="list-style-type: none"> <li>• mixture of amino acids, radical scavengers and peptides</li> <li>• good moisturizer, as urea is formed from L-Arginin</li> <li>• very effective radical scavenger</li> <li>• reduces oxygen cell stress</li> <li>• improves cell viability</li> <li>• enhances cell proliferation</li> <li>• superoxide dismutase activity</li> <li>• accelerates biosynthesis of dermal collagen</li> <li>• free of parabens</li> </ul>
Quince Extract 2,5 % NP	6021	Aqua, Pyrus Cydonia Seed Extract  <b>Preservative:</b> none  <b>Stabilizer:</b> Natural Phenylethylalcohol: 1.0 %	slight brownish, viscous solution with a typical, fruity smell	water soluble	4 - 20 %	<ul style="list-style-type: none"> <li>• aqueous extract of 2.5 % quince seeds</li> <li>• min. 0.25 % polysaccharides</li> <li>• conform to natural cosmetics</li> <li>• strong moisturizer</li> <li>• anti-irritant (reduction of IL-6 production)</li> <li>• pH-stability 3 - 12</li> <li>• stabilized with natural phenethyl alcohol</li> <li>• non preserved</li> </ul>



Productname	Mat. No.	INCI- Name	Appearance	Solubility	Use concentration	Benefits
Sabal Serrulata lipophilic	5053	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol  <b>Preservative:</b> none  <b>Stabilizer:</b> Tocopherol: 0.2 %	clear to slight opaque, green to yellow colored solution with a typical smell	oil soluble	0.5 - 5 %	<ul style="list-style-type: none"> <li>lipophilic extract from Sabal serenoa nuts</li> <li>min. 2 % phytosterols</li> <li>regenerates skin barrier function very strongly</li> <li>cares dry and itchy skin</li> <li>strong anti-irritant (reduction of IL-6 production)</li> <li>brings shine on hair</li> </ul>
Sodium Hyaluronic Acid 1%	3011	Aqua, Sodium Hyaluronate  <b>Preservative:</b> Phenoxyethanol: 0.288 % Methylparaben: 0.064 % Ethylparaben: 0.032 % Propylparaben: 0.016 %  <b>Stabilizer:</b> none	clear, viscous solution with a slight smell	water soluble	0.2 - 10 %	<ul style="list-style-type: none"> <li>1 % solution of Hyaluronic acid</li> <li>moisturizer</li> <li>film former</li> </ul>
Sodium Hyaluronic Acid 1% PHE	3038	Aqua, Sodium Hyaluronate  <b>Preservative:</b> Phenoxyethanol: 1.0 %  <b>Stabilizer:</b> none	clear, viscous solution with a slight smell	water soluble	0.2 - 10 %	<ul style="list-style-type: none"> <li>1 % solution of Hyaluronic acid</li> <li>moisturizer</li> <li>film former</li> <li>free of parabens</li> </ul>
Yeast-Extract SC-B	2003	Faex Extract  <b>Preservative:</b> Phenoxyethanol: 0.230 % Methylparaben: 0.051 % Ethylparaben: 0.026 % Propylparaben: 0.013 % Dehydroacetic Acid: 0.24 % Potassium Sorbate: 0.08 %  <b>Stabilizer:</b> Propylene Glycol: 25 %	nearly clear, brownish solution with a typical smell	water soluble	2 - 4 %	<ul style="list-style-type: none"> <li>cell liquid from baker's yeast</li> <li>activation of cell metabolism</li> <li>stimulation of oxygen consumption</li> <li>stimulation of ATP synthesis</li> <li>radical scavenger</li> </ul>

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## 1 - Hydration • Moisturizer

Productname	INCI- Name	Solubility
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	water soluble
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	Aqua, Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	water soluble
Elastin PHE 1.0	Aqua, Hydrolyzed Elastin, Desamido Collagen	water soluble
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	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 ORG 1.0 NP	Aqua, 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	Aqua, Pyrus Cydonia Seed Extract	water soluble
Sodium Hyaluronic Acid 1%	Aqua, Sodium Hyaluronate	water soluble
Sodium Hyaluronic Acid 1% PHE	Aqua, Sodium Hyaluronate	water soluble

## 2 - Skin Protection • Scavenger

Productname	INCI- Name	Solubility
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	water soluble
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, natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate COS	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"> <li>up to 2 %</li> <li>• soluble in water/Ethanol mixture 80:20</li>   <li>up to 10 %</li> <li>• soluble in ampholytic detergents</li>   <li>• miscible with 10 % of water</li> </ul>
Ferulic Acid synthetic	Ferulic Acid	<ul style="list-style-type: none"> <li>up to 0.2 %</li> <li>• soluble in cold natural oils</li>   <li>up to 0.5 %</li> <li>• soluble in 50°C warm oils</li> <li>• addition of solubilizers like Ethanol, PEG-40 is recommendable</li> </ul>
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

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## 2 - Skin Protection • Scavenger

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	Aqua, Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Octyldodecanol, 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 <sup>®</sup>	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CH-Activator <sup>®</sup> 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

### 3 - Metabolic Activator • Energizer

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
Yeast-Extract SC-B	Faex Extract	water soluble

### 4 - Skin Smoothing

Productname	INCI- Name	Solubility
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	water soluble
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
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble

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## 4 - Skin Smoothing

Productname	INCI- Name	Solubility
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 ORG 1.0 NP	Aqua, Linum Usitatissimum Seed Extract	water soluble
Omega-CTP-Active PHE	Aqua, Glycerin, Arginine, Panthenol, Proline, Sorbitol, Glycine, Hydrolyzed Soy Protein, Bis(Triptide-1) Copper Acetate	water soluble
Quince Extract 2.5 % NP	Aqua, Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Sodium Hyaluronic Acid 1%	Aqua, Sodium Hyaluronate	water soluble
Sodium Hyaluronic Acid 1% PHE	Aqua, Sodium Hyaluronate	water soluble

## 5 - Improvement of Skin Feel

Productname	INCI- Name	Solubility
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	water soluble
Atecoron Plus <sup>®</sup> PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Atelocollagen	water soluble
Desaron <sup>®</sup>	Aqua, Glycerin, Desamido Collagen, Sodium Hyaluronate	water soluble
Desaron <sup>®</sup> Plus PHE 1.2	Aqua, Glycerin, Sodium Hyaluronate, Desamido Collagen	water soluble
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble
Konjac Mannan 1.0 SP	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	water soluble

## 5 - Improvement of Skin Feel

Productname	INCI- Name	Solubility
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 ORG 1.0 NP	Aqua, Linum Usitatissimum Seed Extract	water soluble
Quince Extract 2.5 % NP	Aqua, Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Sodium Hyaluronic Acid 1%	Aqua, Sodium Hyaluronate	water soluble
Sodium Hyaluronic Acid 1% PHE	Aqua, Sodium Hyaluronate	water 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	Aqua, Propylene Glycol, Hydrolyzed Elastin, Desamido Collagen	water soluble
Elastin PHE 1.0	Aqua, Hydrolyzed Elastin, Desamido Collagen	water soluble

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## 7 - Hair Care • Body Wash

Productname	INCI- Name	Solubility
Ethyl Ferulate, natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate COS	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"> <li>up to 2 %</li> <li>soluble in water/Ethanol mixture 80:20</li> <li>up to 10 %</li> <li>soluble in ampholytic detergents</li> <li>miscible with 10 % of water</li> </ul>
Ferulic Acid synthetic	Ferulic Acid	<ul style="list-style-type: none"> <li>up to 0.2 %</li> <li>soluble in cold natural oils</li> <li>up to 0.5 %</li> <li>soluble in 50°C warm oils</li> <li>addition of solubilizers like Ethanol, PEG-40 is recommendable</li> </ul>
Sabal Serrulata lipophilic	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Yeast-Extract SC-B	Faex Extract	water soluble

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## 8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
Atecoron	Aqua, Glycerin, Atelocollagen, Sodium Hyaluronate	water soluble
Atecoron Plus <sup>®</sup> 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



## 8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
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
Ethyl Ferulate, natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate COS	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"> <li>soluble in water/Ethanol mixture 80:20</li> </ul> <p>up to 10 %</p> <ul style="list-style-type: none"> <li>soluble in ampholytic detergents</li> </ul> <p>• miscible with 10 % of water</p>
Ferulic Acid synthetic	Ferulic Acid	<p>up to 0.2 %</p> <ul style="list-style-type: none"> <li>soluble in cold natural oils</li> </ul> <p>up to 0.5 %</p> <ul style="list-style-type: none"> <li>soluble in 50°C warm oils</li> <li>addition of solubilizers like Ethanol, PEG-40 is recommendable</li> </ul>
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	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

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## 8 - Sun Protection • After Sun

Productname	INCI- Name	Solubility
Linseed Extract ORG 1.0 NP	Aqua, Linum Usitatissimum Seed Extract	water soluble
Omega-CH-Activator <sup>®</sup>	Aqua, Panthenol, Glycerin, Glycine, Sorbitol, Hydrolyzed Soy Protein, Bis(Tripeptide-1) Copper Acetate	water soluble
Omega-CH-Activator <sup>®</sup> 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
Quince Extract 2.5 % NP	Aqua, Pyrus Cydonia Seed Extract	water soluble
Sabal Serrulata lipophilic	Octyldodecanol, Serenoa Serrulata Fruit Extract, Tocopherol	oil soluble
Sodium Hyaluronic Acid 1%	Aqua, Sodium Hyaluronate	water soluble
Sodium Hyaluronic Acid 1% PHE	Aqua, Sodium Hyaluronate	water soluble

## 9 - Deodorant

Productname	INCI- Name	Solubility
Ethyl Ferulate, natural	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier
Ethyl Ferulate COS	Ethyl Ferulate	Ethanol, Pentylene Glycol and emulsifier

## 9 - Deodorant

Productname	INCI- Name	Solubility
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
Ferulic Acid synthetic	Ferulic Acid	up to 0.2 % • soluble in cold natural oils  up to 0.5 % • soluble in 50°C warm oils • addition of solubilizers like Ethanol, PEG-40 is recommendable

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## 10 - Decorative Cosmetics

Productname	INCI- Name	Solubility
Konjac Mannan 1.0 PHE 1.0	Aqua, Glucomannan or Amorphophallus Konjac Root Extract	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 ORG 1.0 NP	Aqua, Linum Usitatissimum Seed Extract	water soluble
Quince Extract 2.5 % NP	Aqua, Pyrus Cydonia Seed Extract	water soluble

Nature needs no cosmetics,  
but cosmetics need nature.



## 10 - Decorative Cosmetics

Productname	INCI- Name	Solubility
Sabal Serrulata lipophilic	Octyldodecanol, 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

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## 14 - Nutrition • Food Supplement

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

notes

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## Contact

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