

# **SEIWA** Product Catalog

**SEIWA KASEI**

 **SEIWA** SEIWA KASEI CO., LTD.

1-2-14, Nunoichi-cho, Higashiosaka, Osaka, Japan  
TEL: +81-72-987-2626  
e-mail: [sales@seiwakasei.co.jp](mailto:sales@seiwakasei.co.jp)

URL : <https://www.seiwakasei.jp/en/>



Corporate Website

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## Preface

Since the establishment in 1958, SEIWA KASEI CO., LTD. has been continuing to develop and supply high-quality raw materials for cosmetic and personal-care products.

In our product lines, peptide raw materials, "Promois™" as their trademark, are manufactured from natural sources with containing intentionally our spiritual idea for harmonizing with nature. We have been providing various kinds of technical information regarding our peptide products and their derivatives.

From recent years, SEIWA KASEI has been developed many creative, revolutionary, and high-functional hybrid materials, such as "Silasoma™" and "Protesil™", which utilize "silicone-resinylated hydrolyzed proteins" developed by combining peptide and silicone production technologies.

Furthermore, since entering the 21st century, we have focused on biofunctional ingredients such as glycerin, amino acids, and vitamin C to create numerous new moisturizing and active ingredients. Among these, the "iVC™" series, a new vitamin C derivative, is high added value ingredient for which various functions have been discovered through their intensive research, and demand is growing.

We anticipate the environmental safety orientation and use natural materials in the majority of our products. From now on, we will continue to focus on new development based on creative ideas and always aim to be the "Only One" in order to response the diversified and sophisticated demands of cosmetic users and customers in the world.

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## SEIWA KASEI's original cosmetic raw materials

SEIWA KASEI CO., LTD. aims to develop the cosmetics industry through the development of various original cosmetic raw materials.

We have a lineup of product brands with unique features that achieve a variety of effects, from skin care to hair care, and we are actively working to obtain verification data and certification for these products, as well as to develop natural, plant-derived products. In addition, as the ideas of eco-friendliness and sustainability permeate the world, we are developing raw materials that achieve effective use of unused and sustainable resources, and we hope to contribute to improving people's quality of life (QOL) as a company that is friendly to people and the environment.

### Promois™

#### Hydrolyzed Proteins (Peptides) and their Derivatives

Promois is the trademark for peptides and their derivatives obtained through hydrolysis of natural proteins.

They are raw materials for cosmetics with an excellent conditioning effect that moisturizes, protects, and repairs skin and hair, and are gentle to human and friendly to the environment. It has different functions in every origin and derivative.

- Protein Origin : Soy, Wheat, Pea, Rice, Sesame, Silk, Keratin, Fish Collagen, Pearl, Milk
- Chemical modifying : Silylated, Acylated, Cationized, Ethyl esterified

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### PhytoCuticle™

#### Vegetable biomimetic raw materials

PhytoCuticle is a plant-derived hair conditioning ingredient designed from hair cuticle.

It is a biomimetic material that mimics the barrier structure of the hair surface, so it can efficiently repair the hair surface.

It is made from plant-derived sustainable materials, making it friendly to both humans and the environment.

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### iVC™

#### High value added vitamin C derivatives

"iVC" is developed by the derivatization of vitamin C, which, under normal circumstances, easily degrades in the presence of oxygen.

In addition to its bioactive functions such as inhibiting melanin production and promoting collagen production, it also has an excellent moisturizing effect, making it suitable for use in a variety of cosmetic products. There is also an advanced (high-function) type with unique functions such as activation of autophagy, antibacterial activity against *C. acnes*, and promotion of intercellular lipid including ceramide.

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▶ Special Web site <https://seiwakasei.jp/ivc/en/>



iVC  
it's beyond Vitamin C.



### Amitose™ R

#### Adsorption Moisturizing amino acid derivative

Amitose R is a premium moisturizer produced by binding moisturizer "glycerin" to amino acid "arginine" using our own original technology.

The excellent absorption property derived from the arginine structure and high moisturizing effect derived from the glycerin structure offers long-lasting moistness. And, it has also been confirmed to regulate skin microbiome.

It is stable and has various effects, so it can be applied to wide range of cosmetic formulations from hair care to skin care products.

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### Silasoma™

#### Capsules containing UV absorbers

Silasoma is encapsulating UV absorbing agents that concern related to the safety and their heavy oily feeling on the skin, in a material developed with our own original patented technology, which is an ingredient that protects against UV rays and is gentle on the skin.

In addition, Silasoma also has a useful feature in that it provides a soft and light after-feel that is devoid of stickiness, and that it allows the formulation of surfactant-free sun protection products. It can also be incorporated into hair care products.

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### Soy

Soy protein is distinct from animal protein such as collagen and keratin in that it has glutamic acid and aspartic acid 30% of itself. It brings high moisturizing property as well as collagen but brings different texture. Additionally, it produces moist feeling and prevents unmanageable hair.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois WS-HSP COSMOS NATRUE	Hydrolyzed Soy Protein	Standard	100% powder	Preservative FREE	Soy	700
Promois WS	Hydrolyzed Soy Protein (and) Water		25%	Butylene Glycol (3%) Methylparaben (0.3%) Propylparaben (0.03%)		700
Promois WS-HF			25%	Butylene Glycol (3%) Phenoxyethanol (1%)		700
Promois WS-HSIGPD	Hydrolyzed Soy Protein PG-Propyl Methylsilanediol (and) Water	Silylated	20%	Pentylene Glycol (4%) Preservative FREE		900
Promois ESCP	Potassium Cocoyl Hydrolyzed Soy Protein (and) Water	Acylated	25%	Dipropylene Glycol (3%) Phenoxyethanol (1%)		600
Promois WS-HQF	Hydroxypropyltrimonium Hydrolyzed Soy Protein (and) Water	Cationized	25%	Butylene Glycol (3%) Phenoxyethanol (0.8-1.2%)		900
Promois WS-HCAQ	Cocodimonium Hydroxypropyl Hydrolyzed Soy Protein (and) Water		25%	Butylene Glycol (2%) Methylparaben (0.3%) Propylparaben (0.03%)		1000



### Wheat

Wheat protein is rich in acidic amino acid and also has a slight amount of cystine. It brings glossy hair with shiny appearance.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois WG-SP ECOCERT COSMOS NATRUE	Hydrolyzed Wheat Protein	Standard	100% powder	Preservative FREE	Wheat	700
Promois WG	Hydrolyzed Wheat Protein (and) Water		25%	Butylene Glycol (2%) Methylparaben (0.3%) Propylparaben (0.03%)		700
Promois WG-SIG	Hydrolyzed Wheat Protein PG-Propyl Methylsilanediol (and) Water	Silylated	20%	Butylene Glycol (2%) Methylparaben (0.3%) Propylparaben (0.03%)		900

**ECOCERT** Raw material approved by ECOCERT in accordance with the ECOCERT Natural and Organic Cosmetics Standard.

**COSMOS** Raw material approved by ECOCERT in accordance with the COSMOS Standard.

**NATRUE** Raw material approved by BioGro in accordance with the NATRUE Standard.



### Pea ~ Keratin-like Botanical Protein ~

Pea protein restores hair moisture and revitalizes hair strength that was lost by damages. Because the amino acid composition is similar to that of hydrolyzed keratin, the function is also similar.

GMO-derived pea has not been distributed in the marketplace, and pea is not regarded as food allergens required to be labeled under the food regulation of many countries.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois WJ-SP ECOCERT COSMOS NATRUE	Hydrolyzed Pea Protein	Standard	100% powder	Preservative FREE	Pea	500
Promois WJ	Hydrolyzed Pea Protein (and) Water		25%	Butylene Glycol (3%) Phenoxyethanol (1%)		500



### Rice ~ Silk-like Botanical Protein ~

Rice protein suppresses cuticle lift-up and conditions the texture of damaged hair. This is because it contains the highest amount of the simple amino acids glycine and alanine among plant-derived peptides, just as silk gives smooth and light feeling by the simple amino acid composition with less structural roughness.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois WR-SP ECOCERT COSMOS NATRUE	Hydrolyzed Rice Protein	Standard	100% powder	Preservative FREE	Rice	400
Promois WR	Hydrolyzed Rice Protein (and) Water		25%	Butylene Glycol (3%) Phenoxyethanol (1%)		400
Promois WR-CAQ	Cocodimonium Hydroxypropyl Hydrolyzed Rice Protein (and) Water	Cationized	18%	Pentylene Glycol (1%) Preservative FREE		700



### Sesame

Sesame protein has much acidic amino acid and has excellent anti-aging effects. It gives soft texture to hair.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois GOMA-SIG	Hydrolyzed Sesame Protein PG-Propyl Methylsilanediol (and) Water	Silylated	10%	Butylene Glycol (3%) Phenoxyethanol (1%)	Sesame	1100



### Silk

Silk is a fiber made of two proteins, mainly fibroin but also sericin. Fibroin has a unique amino acid composition. Glycine, alanine and serine which have small molecular weights and simple chemical structures account for 90%. These amino acids are known to be arranged in  $\beta$ -sheets which greatly contributes to silk well-known shiny appearance and smoothness.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois SILK-700SP	Hydrolyzed Silk	Standard	100% powder	Preservative FREE	Silk	350
Promois SERICIN-N COSMOS NATRUE	Sericin (or) Hydrolyzed Silk		100% powder	Preservative FREE		2000
Promois S-720F	Hydrolyzed Silk (and) Water		20%	Butylene Glycol (3%) Phenoxyethanol (1%)		350
Promois SILK-1000F			6.5%	Butylene Glycol (5%) Phenoxyethanol (1%)		1000
Promois SILK-1000PD			6.5%	Pentylene Glycol (4%) Preservative FREE		1000
Promois S-700SIGF	Hydrolyzed Silk PG-Propyl Methylsilandiol (and) Water	Silylated	20%	Butylene Glycol (3%) Phenoxyethanol (1%)		550
Promois EFLS	Sodium Lauroyl Hydrolyzed Silk (and) Water	Acylated	20%	Dipropylene Glycol (3%) Methylparaben (0.3%) Propylparaben (0.03%)		500
Promois EFLS-F			20%	Alcohol (5%) Phenoxyethanol (0.5%)		500
Promois EFLS-C	Sodium Lauroyl Silk Amino Acids (and) Water		20%	Dipropylene Glycol (3%) Phenoxyethanol (1%)		300
Promois EF-118AMP	AMP-Isostearoyl Hydrolyzed Silk (and) Alcohol (and) Water		25%	Preservative FREE		600
Promois EF-118(IS)	Isostearoyl Hydrolyzed Silk (and) Isostearic Acid		3%	Preservative FREE		500
Promois SILK-1000Q	Hydroxypropyltrimonium Hydrolyzed Silk (and) Water		Cationized	6%		Butylene Glycol (2%) Methylparaben (0.2%) Propylparaben (0.02%)
Promois S-CAQ	Cocodimonium Hydroxypropyl Hydrolyzed Silk (and) Water	21%		Butylene Glycol (2%) Methylparaben (0.2%) Propylparaben (0.02%)		1300
Promois SILK-A	Ethyl Ester of Hydrolyzed Silk (and) Alcohol	Ethyl esterified	20%	Preservative FREE		400

### Keratin

Keratin is one of structural protein composing our stratum corneum, hair and nail. Specially it comprises 80% of human's hair. In terms of its amino acid composition, it has cystine which rarely seen in any other kinds of protein. In association with disulfide bond, it has very unique molecular structure that peptide is well cross-linked. Because of this structure, much functional end group such as amino groups and carboxyl groups exist within a single molecule. Consequently, high adsorption can be arose from keratin. It gives hair strength and body.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois WK-HSP	Hydrolyzed Keratin	Standard	100% powder	Preservative FREE	Sheep wool	1000
Promois WK-F	Hydrolyzed Keratin (and) Water		25%	Butylene Glycol (3%) Phenoxyethanol (1%)		400
Promois WK-PD			25%	Pentylene Glycol (4%) Preservative FREE		400
Promois WK-HF			25%	Butylene Glycol (3%) Phenoxyethanol (1%)		1000
Promois WK-LF			20%	Dipropylene Glycol (5%) Phenoxyethanol (1%)		4000*
Promois WK-GBF			20%	Dipropylene Glycol (3%) Phenoxyethanol (1%)		10000*
Promois KR-30	10%		Butylene Glycol (3%) Phenoxyethanol (1%)	30000*		
Promois WK-HSIGF	Hydrolyzed Keratin PG-Propyl Methylsilanediol (and) Water	Silylated	25%	Butylene Glycol (3%) Phenoxyethanol (1%)		1200
Promois EKCP	Potassium Cocoyl Hydrolyzed Keratin (and) Water	Acylated	20%	Dipropylene Glycol (3%) Phenoxyethanol (1.5%)		400
Promois EK-118(IN)	Isostearyl Hydrolyzed Keratin (and) Isononyl Isononanoate		30%	Preservative FREE		400
Promois WK-Q	Hydroxypropyltrimonium Hydrolyzed Keratin (and) Water	Cationized	25%	Butylene Glycol (1%) Methylparaben (0.15%) Propylparaben (0.01%)		600
Promois WK-HQ			25%	Butylene Glycol (3%) Methylparaben (0.15%) Propylparaben (0.01%)		1200
Promois WK-HCAQ-NA	Cocodimonium Hydroxypropyl Hydrolyzed Keratin (and) Water		30%	Preservative FREE		1300
Promois WK-SAQ	Steardimonium Hydroxypropyl Hydrolyzed Keratin (and) Water			15%	Alcohol (6.5%) Preservative FREE	

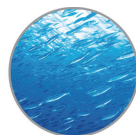
\* Analyzed with the molecular weight determination method by size-exclusion chromatography.

**COSMOS** Raw material approved by ECOCERT in accordance with the COSMOS Standard.

**NATRUE** Raw material approved by BioGro in accordance with the NATRUE Standard.

### Fish Collagen

Fish collagen is good alternative to traditional collagen originated from mammals. Since fish collagen has similar amino acid composition to mammals-derived collagen, it exhibits moisturizing effect and imparts softness to skin and hair as used in personal care products.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois W-52USP	Hydrolyzed Collagen	Standard	100% powder	Preservative FREE	Fish scale	2000
Promois W-32U	Hydrolyzed Collagen (and) Water		20%	Butylene Glycol (3%) Phenoxyethanol (1%)		400
Promois W-32UR			20%	Butylene Glycol (3%) Phenoxyethanol (1%)		400
Promois W-42U			20%	Butylene Glycol (3%) Phenoxyethanol (1%)		1000
Promois W-52U			20%	Butylene Glycol (3%) Phenoxyethanol (1%)		2000
Promois WU-32R			30%	Butylene Glycol (3%) Phenoxyethanol (1%)		400
Promois WU-32SIG	Hydrolyzed Collagen PG-Propyl Methylsilanediol (and) Water	Silylated	20%	Butylene Glycol (3%) Phenoxyethanol (1%)		600
Promois W-52USIG			10%	Butylene Glycol (3%) Phenoxyethanol (1.5%)		2200
Promois EU-118D	AMPD-Isostearoyl Hydrolyzed Collagen (and) Alcohol (and) Water	Acylated	25%	Preservative FREE		600
Promois EU-118(IS)	Isostearoyl Hydrolyzed Collagen (and) Isostearic Acid		3%	Preservative FREE		500

### Pearl

Conchiolin is one of protein which is contained in shellfishery (mollusk). Inside of pearl formed by pearl oyster has the protein and it plays a role in protection of pearl and shell. Conchiolin also significantly links to luster of pearl oyster. Promois PEARL-PF is made from akoya pearls produced in Japan. Promois BLACK PEARL-F is made from black-lip pearls are grown in the Tahitian sea, in French Polynesia.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois PEARL-PF	Hydrolyzed Conchiolin Protein (and) Water	Standard	3%	Butylene Glycol (5%) Phenoxyethanol (1%)	Pearl shell	600
Promois BLACK PEARL-F			3%	Butylene Glycol (5%) Phenoxyethanol (1%)	Black Pearl shell	600

### Milk

Milk is foundational food for mammal to nurture children and it contains protein that consists of essential amino acid at high rates. Its characteristic as peptide is that it has balanced amino acid composition. This composition generates moist feeling. Additionally it has chelate effect as milk contains acidic amino acid and phosphoric ester.



Product	INCI Name	Type	Active Matter	Additives	Origin	Molecular Weight
Promois HYDROMILK	Hydrolyzed Milk Protein (and) Water	Standard	30%	Butylene Glycol (3%) Phenoxyethanol (1%)	Milk	600
Promois Hydromilk-P	Hydrolyzed Milk Protein		~100% powder	Butylene Glycol (<3%) Methylparaben (0.3%) Propylparaben (0.03%)		600

# PhytoCuticle™

## Botanical Cuticle Care Ingredient

PhytoCuticle is a cuticle-care ingredient of plant origin developed with focusing on hair surface structure. Hair cuticle condition gets worse by external damage and destruction of barrier structure. PhytoCuticle adsorbs on the damaged part of cuticle selectively and restructures barrier structure. It can be used a silicone-alternative haircare ingredient because it repairs cuticle lift-up.

Product	INCI Name	Additives	Feature / application
PhytoCuticle	Hydrolyzed Soy Protein (and) Stearamidopropyl Dimethylamine (and) Gluconolactone (and) Pentylene Glycol (and) Water	Preservative FREE	Selective adsorption to damage part of hair Repairing the cuticle lift-up of damaged hair silicone-alternative haircare ingredient

# Vegetamide™

## Plant-derived Hair Conditioning Ingredients

Vegetamide is a plant-derived hair conditioning ingredient. It has a similar structure to F-Layer (Main Component: 18-MEA), which is the barrier structure of hair surface. The hair surface, stripped of its F-layer due to hair damage, can be restored to a healthy condition by the concentrated application of the similarly structured Vegetamide resulting in reparation of hair and improvement of its texture.

Product	INCI Name	Additives	Feature / application
Vegetamide 18MEA-NJ	Cetearamidoethyldiethonium Succinoyl Hydrolyzed Pea Protein (and) Glycerin (and) Water	Preservative FREE	Complement of damaged hair surface Hydrophobizing effect Sensory texture improvement
Vegetamide 18MEA-R	Cetearamidoethyl Diethonium Hydrolyzed Rice Protein (and) Glycerin (and) Water	Preservative FREE	
Vegetamide 18MEA-MR	Hydrolyzed Rice Protein (and) Stearamidopropyl Dimethylamine (and) Glycerin (and) Water	Preservative FREE	

# Aminoreact™

## Hair Anti-aging Ingredient

Aminoreact is a hair anti-aging ingredient. It gives body and stiffness which is gradually lost with aging, and increases volume of hair.

Product	INCI Name	Active Matter	Additives	Feature / application
Aminoreact TsV	Sodium Tosyl Valinate (and) Butylene Glycol (and) Water	8%	Preservative FREE	Hair conditioning effect Improving hair body Hair volume up

# Cuticlekeratin™

## Cuticle Derived Premium Ingredient

Cuticlekeratin is the world's first hair conditioning ingredient which has "cuticle" in its INCI name. It was developed from very rare cuticle derived from sheep wool using SEIWA KASEI's unique technology.

Product	INCI Name	Active Matter	Additives	Feature / application
Cuticlekeratin P	Hydrolyzed Wool Cuticle Protein (or) Hydrolyzed Keratin (and) Water	10%	Pentylene Glycol (4%) Preservative FREE	Hair conditioning effect

# iVC™

## Vitamin C Derivatives

The iVC series is a novel moisturizing vitamin C derivative produced by binding vitamin C (ascorbic acid) to glycerin using our own original patented technology. In addition to its excellent skin-moisturizing effect and inhibitory effect on melanin production, each iVC series also has unique advantages, such as enhancing effect on collagen production, intracellular antioxidant effect, excellent sensory texture and so on. It can be blended into skin toners, transparent gel-serums, and emulsions such as creams, thus allowing it to be used in a wide range of formulae.

Product	INCI Name	Active Matter	Additives	Feature / application
iVC DGA	Bis-Glyceryl Ascorbate (and) Glycerin (and) Water	50%	Preservative FREE	<b>Rich-moisturizing vitamin C</b> Most stable vitamin C derivative Non-ionic; easy to be formulated in gel and emulsion cosmetics
iVC 3GA	3-Glyceryl Ascorbate (and) Glycerin (and) Water	30%	Preservative FREE	<b>Anti-photoaging vitamin C</b> Cost benefit Intracellular antioxidant effect Anti-photoaging
iVC 2GA	Glyceryl Ascorbate	100% powder	Preservative FREE	<b>Pure-moisturizing vitamin C</b> Excellent sensory texture Available in wide range pH Good compatibility with powder
iVC HGA	Hexyl 3-Glyceryl Ascorbate (and) Glycerin (and) Water	20%	Preservative FREE	<b>Autophagy Activator</b> Excellent skin brightening effect Interfering melanin transport Melanin degradation by autophagy
iVC MGA	Myristyl 3-Glyceryl Ascorbate (and) Butylene Glycol	10%	Preservative FREE	<b>Pore Minimizer</b> Reducing pore area Antibacterial activity* *Anti-acne activity etc.
iVC 3LGA	3-Laurylglyceryl Ascorbate (and) Butylene Glycol	10%	Preservative FREE	<b>Glutathione Booster</b> Anti-oxidant Activating ceramide synthesis Anti-pollution
iVC GCA	Cetyl 2-Glyceryl Ascorbate (and) Pentylene Glycol	32%	Preservative FREE	<b>Emulsion Creator</b> Emulsifying ability Promoting collagen production Suppressing melanin production

# Amitose™ R

## Amino Acid Derivatives

Amitose R and Amitose R-PD are novel moisturizing ingredients produced by binding the amino acid arginine, which is known to be member of a NMF (natural moisturizing factor), to glycerin, which is a well-known moisturizing agent. The excellent moisturizing effect derived from the glycerin structure and the excellent adsorption property from the arginine structure offers deep and long-lasting moistness. They provide skin conditioning benefits that improve suppress rough skin and improves skin texture, and its easy adsorption provides hair conditioning effects. They have various effect such as skin care, hair care, scalp care and skin-microbiome care.

Product	INCI Name	Active Matter	Additives	Feature / application
Amitose R	Dihydroxypropyl Arginine HCl (and) Water	30%	Phenoxyethanol (1%)	Skin and hair moisturizing effect Skin and hair conditioning effect Scalp-care effect Skin-microbiome care effect
Amitose R-PD			Pentylene Glycol (1%) Preservative FREE	

Silasoma is aqueous dispersions containing 60% capsule as active component in capsules which encapsulated UV absorbers. Encapsulating the UV absorbers provides a soft and light after-feel. It also allows for a surfactant-free and safer sun protection formulation.

Product	INCI Name	Additives	Feature / application
Silasoma SP	Polysilicone-35* (and) Ethylhexyl Methoxycinnamate (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate (and) Water	Pentylene Glycol (3%) Tocopherol (≤0.1%) <div>Preservative FREE</div>	
Silasoma EP(S)	Polysilicone-14* (and) Ethylhexyl Methoxycinnamate (and) Diethylamino Hydroxybenzoyl Hexyl Benzoate (and) Water	Phenoxyethanol (2%) Butylene Glycol (2%) Disodium EDTA (0.2%)	
Silasoma REA(E)	Polysilicone-14* (and) Octocrylene (and) Butyl Methoxydibenzoylmethane (and) Water		
Silasoma MEA	Polysilicone-14* (and) Ethylhexyl Methoxycinnamate (and) Butyl Methoxydibenzoylmethane (and) Water	Phenoxyethanol (2%) Butylene Glycol (2%) Etidronic Acid (0.05-0.2%)	
Silasoma MEA(S)		Phenoxyethanol (2%) Butylene Glycol (2%) Disodium EDTA (0.2%)	
Silasoma MEA(V)		Pentylene Glycol (4%) Disodium EDTA (0.2%) Ethylhexylglycerin (0.18%) <div>Preservative FREE</div>	
Silasoma MEA(L)**		Phenoxyethanol (2%) Butylene Glycol (2%) Etidronic Acid (0.05-0.2%) Tocopherol (≤0.1%)	
Silasoma ME(N)	Polysilicone-14* (and) Ethylhexyl Methoxycinnamate (and) Water	Phenoxyethanol (2%) Butylene Glycol (2%)	Capsules containing UV absorber for UVB protection
Silasoma MF(S)		Phenoxyethanol (2%) Butylene Glycol (2%) Disodium EDTA (0.2%)	

\* Polysilicone-14 and Polysilicone-35 are wall material of the capsule.  
\*\* Silasoma MEA(L) uses Ethylhexyl Methoxycinnamate with lower odor quality.

Protesil is a novel hybrid polymer created from the fusion of peptides and silicone. It provides a wide range of use for both hair care and skin care with various efficacies.

**[Hair care Type]**  
Protesil LH can be used as multi-functional hair conditioning ingredient. It has an excellent adsorption to hair and form thin film over hair surface, which is glossy, long-lasting, and water-resistant. This aspect leads to various effects such as repairing, moisturizing, color-protection, shine and anti-static effect.

Product	INCI Name	Additives	Feature / application
Protesil LH	Hydrolyzed Silk PG-Propyl Methylsilanediol Crosspolymer (and) Water	<div>Preservative FREE</div>	Hair conditioning effect Improve the hair color Prevent the discoloration of dyed hair

**[W/O Emulsifying Type]**  
Protesil WO performs as an emulsifier for specially water-in-oil type emulsion. Protesil WO makes it very easy to obtain stable emulsion with great compatibility with various kinds of oils under cold process. In finished formulation, it gives silky smooth after feel and moisturization to skin without oily tackiness.

Product	INCI Name	Additives	Feature / application
Protesil WO	Hydrolyzed Silk PG-Propyl Methylsilanediol Crosspolymer (and) Hydrogenated Polyisobutene (and) Water	<div>Preservative FREE</div>	Versatile emulsifying ability Boosting dispersibility of inorganic compounds No effect on the sensory texture/ flexible texture



# SESAQUA™

Aqueous Sesame Essence

"SESAQUA" is hydrolyzed sesame protein for water-soluble and it is not oil ingredient used commonly as the sesame. It has skin care efficacy such as the enhancement of collagen production and the inhibition of melanin production.

Product	INCI Name	Active Matter	Additives	Feature / application
SESAQUA COSMOS NATRUE	Hydrolyzed Sesame Protein [or] Sesamum Indicum (Sesame) Seed Extract (and) Butylene Glycol (and) Water	2%	Preservative FREE	Upcycling ingredient Promoting collagen production Suppressing melanin production

# HAZUMI-HADA™

Anti-aging Collagen

"HAZUMI-HADA" means plump skin in Japanese. It was an upcycled ingredient developed by our unique technology and gives anti-aging efficacy by promoting collagen production. It has a superior collagen production effect and using it with vitamin C derivative improves collagen production ability.

Product	INCI Name	Active Matter	Additives	Feature / application
HAZUMI-HADA	Potassium Cocoyl Hydrolyzed Collagen (and) Glycerin (and) Water	1%	Preservative FREE	Upcycling ingredient Promoting collagen production Anti-aging effect

# Vistanol™

Stable Ester Oils

Vistanol is a series of highly stable ester oils that have high oxidation stability. They have barely any color or smell, and are suitable for incorporation into skin care and make-up formulations.

Vistanol GDHR-Pure is 100% plant-derived alternative oil. The texture and property is very similar to lanolin in terms of excellent glossiness and emollient, and similar to dimethicone in terms of texture at lower dosage in hair care application.

Vistanol NPGC is low viscosity oil and it gives light texture. It has excellent skin adhesion and dispersibility of pigment.

Product	INCI Name	Additives	Feature / application
Vistanol GDHR-Pure	Glyceryl Diisostearate/Hydrogenated Rosinate	Preservative FREE	Lanolin-like glassiness Dimethicone-like feel on hair 100% natural material origin / IOC=1
Vistanol NPGC	Neopentyl Glycol Dicaprate	Preservative FREE	Dissolving agent for refractory Excellent skin tolerance Low viscosity liquid Light texture

COSMOS Raw material approved by ECOCERT in accordance with the COSMOS Standard.

NATRUE Raw material approved by BioGro in accordance with the NATRUE Standard.

# BLACK PEARL Extract™

Brilliant Jewelry Extract

BLACK PEARL Extract is a precious ingredient which is extracted from the black mother of pearl grown in the sea of Tahiti. The part of shells are lower value than black pearl but it includes the same component as pearl. We extracted from black mother of pearl and developed as upcycling ingredient "BLACK PEARL Extract". BLACK PEARL Extract can be appealed both "Luxury" and "Sustainable".

Product	INCI Name	Additives	Feature / application
BLACK PEARL Extract	Mother of Pearl Extract (and) Pentylene Glycol	Preservative FREE	Upcycling ingredient Contribute to develop high value-added cosmetics

# P.P.A.A.™

Cocktail of Amino Acid

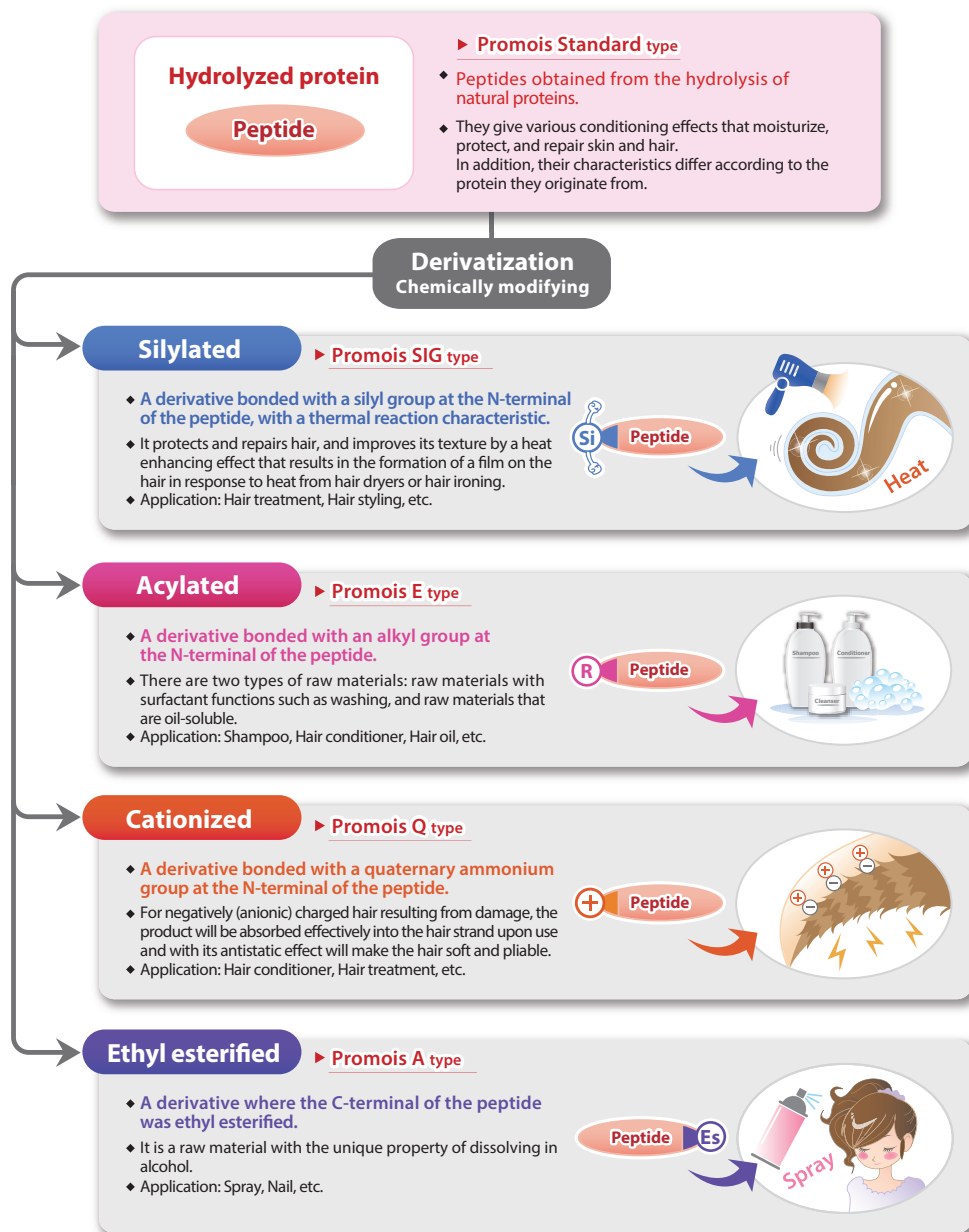
P.P.A.A. is "Premium & Precious Amino Acids cocktail" that contains fifteen kinds of ingredients including thirteen amino acids. Amino acids are main component of NMF (Natural Moisturizing Factor). P.P.A.A. gives moisturizing effect to the skin.

Product	INCI Name	Additives	Feature / application
P.P.A.A.-C	Lysine HCl (and) Alanine (and) Histidine HCl (and) Arginine (and) Serine (and) Proline (and) Glutamic Acid (and) Threonine (and) Valine (and) Leucine (and) Glycine (and) Isoleucine (and) Phenylalanine (and) Taurine (and) Allantoin	Preservative FREE	Premium & Precious Amino Acids cocktail

# Promois™

## Classification by chemical modifying; Simplified Chart in Types of Products

Product lineup of Promois series of hydrolyzed proteins (peptides) and their derivatives obtained through hydrolysis of natural proteins.



### [Warning]

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