


**WHEN CHEMISTRY  
WORKS**



**UNIPROMA**  
when chemistry works



## Company Info

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As a global supplier of cosmetic ingredients, food ingredients, and functional fine chemicals, Uniproma has been supporting manufacturers of cosmetics, foods, beverages, home care products, pharmaceuticals, and nutraceuticals as well as industrial products.

We started with a wide range of sunscreens, from which we have been continuously evolving into today a global innovator in sun care. We are in cooperation with clients of over 80 countries in Europe, Africa, the Middle East, Asia, North and South America, and Oceania.

Apart from some local businesses that are not chemicals, the company has two international divisions: "Cosmetics & Nutrition", and "Fine Chemicals".

The **Cosmetics & Nutrition** supplies cosmetic ingredients and food ingredients. We are active in sun protection, sunless tanning, skin whitening, anti-aging, anti-oxidation, oral care, natural extracts, nano materials, emollients, preservatives, and nutritional supplements.

The **Fine Chemicals** mainly offers PTBBA series, which are one of the main intermediates for production of a UV absorber. Meanwhile, they are also interesting raw materials for a wide range of industrial applications.

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## Organic UV Filters

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Brand Name Catalog number	INCI Name	CAS No.	Properties/Character	Applications
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UVA(320-400nm)



<b>Sunsafe® DPDT</b> 22003	Disodium Phenyl Dibenzimidazole Tetrasulfonate	180898-37-7	Powder Best pH range: 5.0 - 9.0 Water soluble UVA filter	Sunsafe® DPDT is a stable and efficient UVA sunscreen agent. It exhibits a maximum absorption peak at 335nm when the pH is 7. It has high safety and excellent stability, and it is compatible with other sunscreen agents. It is suitable for transparent water-based products.
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<b>Sunsafe® ABZ</b> 22001	Butyl Methoxydibenzoylmethane	70356-09-1	Powder Best pH range:5-8 Oil soluble Efficient UVA filter	The only globally approved broad-spectrum UVA filter;Can be used to make broad-spectrum sun care cosmetics when combined with other UVB filters,especially with Sunsafe® OCR,improving its stability;Good protection and recovery effect to human skin.
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<b>Sunsafe® TDSA</b> 22004	Terephthalidene Dicamphor Sulfonic Acid	92761-26-7	Yellowish powder Water soluble Efficient UVA filter	It is one of the most effective UVA sunscreen ingredients and the main ingredient of sunscreen skin care cosmetics.The maximum protection band can reach 344nm. As it does not cover all UV range,it is often used with other ingredients.
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<b>Sunsafe® DHHB</b> 22002	Diethylamino Hydroxybenzoyl Hexyl Benzoate	302776-68-7	Powder Oil soluble Efficient UVA filter	The most long-lasting oil-soluble UVA absorber. Widely used in sunscreen products, with excellent solubility and good formulation flexibility. It has good compatibility with inorganic UV filters and easily soluble in various cosmetic oils, and has excellent self-protection ability.
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UVB(280-320nm)

<b>Sunsafe® ITZ</b> 21014	Diethylhexyl Butamido Triazone	154702-15-5	Powder Oil soluble Efficient UVB filter	Sunsafe® ITZ is an effective UV-B sunscreen very soluble in cosmetic oils. Due to its high specific extinction and its excellent solubility is much more efficient than currently available UV filters.
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<b>Sunsafe® ES</b> 21005	Phenylbenzimidazole Sulfonic Acid	27503-81-7	Powder Best pH range: 7.0-7.5 Water soluble UVB filter	Effective water-soluble UVB filter when neutralized properly; A small dosage would improve SPF when used with other UV filters; Used in broad-spectrum sun screen and protective daily cosmetics.
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<b>Sunsafe® EHT</b> 21008	Ethylhexyl Triazone	88122-99-0	Powder Oil soluble Efficient UVB filter	A small dosage would achieve high SPF.
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<b>Sunsafe® OCR</b> 21001	Octocrylene	6197-30-4	Liquid Best pH range: 5-8 Oil soluble Efficient UVB filter	Suitable for water-resistant sun care cosmetics; Good solvent of easily crystallizing oil-soluble and other cosmetic ingredients; Excellent photostabilizer, especially for Sunsafe® ABZ; Increases SPF of sun care cosmetics when combined with other UV filters.
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## Organic UV Filters

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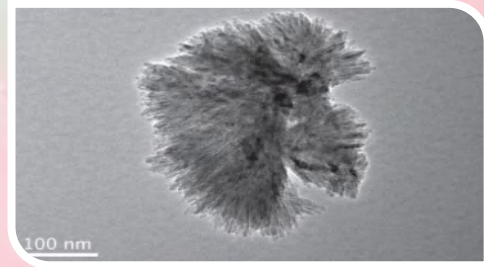
Brand Name Catalog number	INCI Name	CAS No.	Properties/Character	Applications
<b>UVB(280-320nm)</b>				
<b>Sunsafe® OS</b> 21003	Ethylhexyl Salicylate	118-60-5	Liquid Oil soluble UVB filter	Most widely applied UVB filter today; Easily added to oil phase of sun care cosmetics Good compatibility with other UV filters; Low irritation to human skin; Excellent solubilizer for Sunsafe® BP3.
<b>Sunsafe® HMS</b> 21004	Homosalate	118-56-9	Liquid Oil soluble UVB filter	Suitable for water-resistant sun care formulations; Good solvent for powder form, oil-soluble UV filters like Sunsafe® MBC, Sunsafe® BP3, Sunsafe® ABZ and etc.
<b>Sunsafe® MBC</b> 21006	4-Methylbenzylidene Camphor	36861-47-9	Powder Oil soluble Efficient UVB filter	A small dosage would improve SPF when used with other UV filters; Effective photostabilizer of Sunsafe® ABZ.
<b>Sunsafe® EHA</b> 21007	Ethylhexyl Dimethyl PABA	21245-02-3	Liquid Oil soluble Efficient UVB filter	Used in sunscreen cosmetics.
<b>UVA+UVB(280-400nm)</b>				
 <b>Sunsafe® DMT</b> 21133	Drometrizole Trisiloxane	155633-54-8	Oil soluble UVA and UVB broad spectrum filter	Sunsafe® DMT is an oil-soluble, photo-stable chemical sunscreen with both UVB and UVA protection with peak absorbance at 303 nm and at 344 nm.
<b>Sunsafe® BMTZ</b> 21132	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	187393-00-6	Powder Oil soluble Efficient UVA and UVB broad spectrum filter	Widely used in sun care cosmetics; Efficiently improve PA and SPF.
<b>Sunsafe® BOT</b> 21121	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol	103597-45-1	Viscous dispersion Water soluble Oil soluble UVA and UVB broad spectrum filter	The only broad-spectrum UV filter that can be used in water phase formulation.
<b>Sunsafe® BP3</b> 21124	Benzophenone-3	131-57-7	Powder Oil soluble UVA and UVB broad spectrum filter	Used in day cream, to prevent premature aging of skin; Good for protecting lips.
<b>Sunsafe® BP4</b> 21125	Benzophenone-4	4065-45-6	Powder Water soluble UVA and UVB broad spectrum filter	Widely used in sun care cosmetics, with sulfonic acid group neutralized, eg with Triethanolamine, sodium hydroxide etc.

# Inorganic UV Filters

Redefining Sun Protection with Innovative Mineral UV Filters  
Continuously Developing New Products and Providing Customized Services.

## BlossomGuard™ TiO<sub>2</sub> Series

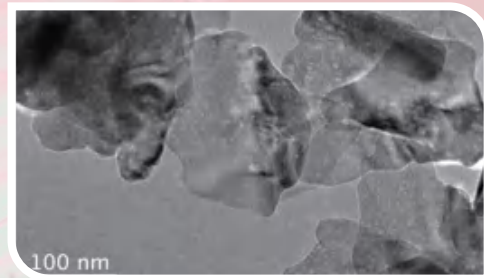
Synthesized with innovative technology.  
Primary particle size is over 100nm.  
Unique calliandra-like structure.  
Provides enhanced sun protection and highly transparent.



Brand Name	INCI Name	Surface properties
BlossomGuard™ TC	Titanium Dioxide & Silica	Hydrophilic
BlossomGuard™ TCR	Titanium Dioxide & Silica & Triethoxycaprylylsilane	Hydrophobic
BlossomGuard™ TAT	Titanium Dioxide & Aluminum hydroxide & Stearic Acid	
BlossomGuard™ TAG	Titanium Dioxide & Aluminum hydroxide & Sodium stearoyl glutamate	

## Znblade™ ZnO Series

Flake-shape.  
Flake layer size: 0.1-0.4 μm  
Provide excellent sunscreen effectiveness.  
High transparency.  
Skin feeling fresh.



Brand Name	INCI Name	Zinc content	Surface properties
Znblade™ ZC	Zinc Oxide & Silica	≥93%	Hydrophilic
Znblade™ ZD	Zinc Oxide & Dimethicone		Hydrophobic
Znblade™ ZR	Zinc Oxide & Triethoxycaprylylsilane		
Znblade™ ZI	Zinc Oxide & Isostearic acid		
Znblade™ ZY	Zinc Oxide & Hydrogen dimethicone		



## Inorganic UV Filters

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Brand Name Catalog number	INCI Name	CAS No.	Particle Size (nm)	Properties/Character	Applications
Not more than 100nm					
<b>Sunsafe® T101AT</b> 23102	Titanium dioxide (and) Aluminium hydroxide (and) Stearic acid	13463-67-7; 21645-51-2; 57-11-4	15±5	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	Coated with Aluminium hydroxide and Stearic acid; Having excellent dispersibility; Efficiently blocks UV and improves PA and SPF; High transparency; Non-irritant to skin.
<b>Sunsafe® T201CD</b> 23103	Titanium dioxide (and) Silica (and) Dimethicone	13463-67-7; 7631-86-9; 9016-00-6	20±5	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	An inorganic UVB filters coated with Silica and Dimethicones; Specially developed for synergy with Sunsafe® ABZ; High transparency and good sun protection effect; Good dispersibility.
<b>Sunsafe® T201OTN</b> 231042	Titanium dioxide (and) Alumina (and) Stearic Acid	13463-67-7; 1344-28-1; 57-11-4	20±5	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	Coated with Aluminium hydroxide and Stearic acid, having good dispersibility; Efficiently blocks UV filters and improves PA and SPF; High transparency; Non-irritant to skin.
<b>Sunsafe® T201OD</b> 23128	Titanium dioxide (and) Alumina (and) Dimethicone	13463-67-7 1344-28-1 63148-62-9	20±5	Powder Hydrophobic UVA and UVB broad spectrum Crystal form: rutile	Titanium dioxide treated with alumina and Dimethicone has even nano-particle size dispersion. Excellent dispersibility and suspension, and stable physical and chemical properties. Suitable for sunscreen, sunscreen lotion, facial cleanser, skin care lotion, makeup, etc.
<b>Sunsafe® T101HAD</b> 23108	Titanium dioxide (and) Hydrated silica (and) Aluminum hydroxide (and) Dimethicone / Methicone copolymer	13463-67-7; 1343-98-2; 21645-51-2; 68037-59-2	15	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	Good dispersibility; Efficiently blocks UV filters and improves PA and SPF; High transparency; Non-irritant to skin.
<b>Sunsafe® T301C</b> 23118	Titanium dioxide (and) Silica	13463-67-7; 7631-86-9	30 max	Powder Hydrophilic UVA and UVB broad spectrum filter Crystal form: rutile	Excellent dispersibility and high transparency. Efficiently blocks UV filters and improves PA and SPF; No-aluminum in the product, well combined with Sunsafe® ABZ; Completely coated, good photostability, ensures that color will not be changed.
<b>Sunsafe® T101OCS2</b> 231133	Titanium dioxide (and) Alumina (and) Silica (and) Simethicone	13463-67-7; 1344-28-1; 7631-86-9; 8050-81-5	20 max	Powder Hydrophobic and Hydrophilic UVA and UVB broad spectrum filter Crystal form: rutile	An amphoteric inorganic sunscreen Dispersible in both water and oil; Coated with Alumina, Silica and Simethicone having good dispersibility; Efficiently blocks UV filters and improves PA and SPF; High transparency; Non-irritant to skin.

## Inorganic UV Filters

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Brand Name Catalog number	INCI Name	CAS No.	Particle Size (nm)	Properties/Character	Applications
Not more than 100nm					
<b>SunSAFE® T102ATN</b> 231141	Titanium dioxide (and) Aluminium hydroxide (and) Stearic acid	13463-67-7; 21645-51-2; 57-11-4	15±5	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	Coated with Aluminium hydroxide and Stearic acid, having good dispersibility; Efficiently blocks UV filters and improves PA and SPF; High transparency on-irritant to skin.
<b>SunSAFE® T1201CT</b> 23122	Titanium dioxide (and) Silica (and) Stearic acid	13463-67-7; 7631-86-9; 57-11-4	110-130	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	SunSAFE® T1201CT is a hydrophobic TiO <sub>2</sub> treated with Silica and Stearic acid. Nano particle size between 110-130nm, its rutile crystal form provides stable sunscreen effect, effective reflection and scattering of ultraviolet rays.
<b>SunSAFE® T101CR</b> 231023	Titanium dioxide (and) Silica (and) Triethoxycaprylylsilane	13463-67-7; 7631-86-9; 2943-75-1	20 max	Powder Hydrophobic UVA and UVB broad spectrum filter Crystal form: rutile	Coated with Silica and Triethoxycaprylylsilane, having good dispersibility; Efficiently blocks UV filters and improves PA and SPF; High transparency on-irritant to skin.

## Sunless Tanning

Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>SunSAFE® DHA</b> 25001	Dihydroxyacetone	96-26-4	3-5%	Powder Water soluble	The most popular sunless tanning agent; The only sunless tanning ingredient approved by American FDA.
<b>SunSAFE® ERL</b> 25002	Erythulose	533-50-6	1-3%	Liquid Water soluble	A natural keto sugar ((S)-1,3,4 trihydroxy-2-butanone) sunless tanning agent; Originated from glucose; Achieves a tan that looks more natural and authentic; Often combined with SunSAFE® DHA, provides darker, more evenly distributed tan; Perfect for 'permanent' tanning; The tan fades with the desquamation process of skin only.

## SPF Booster

Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>SunSAFE® ILS</b> 26001	Isopropyl Lauroyl Sarcosinate	230309-38-3	1-7.5%	Colorless to light yellow liquid or wax	SunSAFE® ILS is a humectant, solvent and lubricant with an amino acid structure. It has good solubility, can dissolve difficult ingredients (such as UV filters and other active ingredients), good compatibility with other oils and fats, Low viscosity, good tactility and extensibility, good affinity with pigments. Suitable for a wide range of oils, colour cosmetics, sunscreens, make-up removers and other products.





## Skin Whiteners

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>PromaCare® TAB</b> 31005	Ascorbate Tetraisopalmitate	183476-82-6	0.05-1%	Liquid Temperature:70°C-75°C Best pH range:4-6 Oil soluble Vitamin C derivative	Antioxidizing,lightening,melanin inhibiting; High stability; Not easily oxidated; Inhibiting Tyrosinase activity,with similar function of Vitamin C but 16.5 times absorbitivity of VC; Easily absorbed by skin.
<b>PromaCare® EAA</b> 31003	3-O-Ethyl Ascorbic Acid	86404-04-8	0.05-3%	Powder The best solution temperature:40°C-50°C Best pH range:5-7 Water soluble, Oil soluble Vitamin C derivative	High bioavailability,being easy to penetrate cuticle to enter dermis,and be decomposed to VC by bio-enzyme; Stops melanin production by inhibiting activity of tyrosinase; Preventing skin inflammation caused by sun light; improves skin color; Boosts collagen,increasing elasticity of the skin.
<b>PromaCare® AGS</b> 31004	Ascorbyl Glucoside	129499-78-1	0.5-2%	Powder The best solution temperature:40°C-50°C Best pH range:5-7 Water soluble Vitamin C derivative	A new generation Vitamin C derivative. Stops melanin production by inhibiting activity of tyrosinase; Preventing skin inflammation caused by sun light; Improves skin color; Boosts collagen, increasing elasticity of the skin.
<b>PromaCare® MAP</b> 310012	Magnesium Ascorbyl Phosphate	113170-55-1	1-3%	Powder The best solution temperature:40°C-50°C Best pH range:7 min Water soluble Vitamin C derivative	More stable and less easily oxidized compared with other kind of vitamin C; Boosts collagen; More effectively inhibits synthesis of melanin; Prevents spots; Reduces fine lines and wrinkles.
<b>PromaCare® SAP</b> 31002	Sodium Ascorbyl Phosphate	66170-10-3	0.5-3%	Powder The best solution temperature:40°C-50°C Best pH range:7 min Water soluble Vitamin C derivative	Stop melanin production by inhibiting activity of tyrosinase; Removes spots; Lightens skin. boosts collagen; Scavenges free radicals, perfect for anti-wrinkle, anti-aging. Synergy with PromaCare® VEA; Stable in cosmetics. Hardly change color. Non-irritant.
<b>PromaCare® A-Arbutin</b> 31006	Alpha-Arbutin	84380-01-8	0.1-2%	Powder Temperature:70°C max Best pH range:3.5-6.5 Water soluble arbutin	Inhibiting tyrosinase activity at very low dosage; 10 times stronger than PromaCare® B-arbutin, and better efficacy than PromaCare® B-arbutin.



## Skin Whiteners

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>PromaCare® B-Arbutin</b> 31007	Arbutin	497-76-7	2.0-7%	Powder Best pH range:5-7 Water soluble	Probably the most popular skin whitening and spot-reducing ingredient today; Safe and effective; Diminishes irritation and inflammation. Perfect for daily care, spot reducing, anti-aging.
<b>PromaCare® TA</b> 31012	Tranexamic Acid	1197-18-8	0.5-3%	Powder Water soluble Best pH range:5-7	High effective skin whitening agent, inhibitor of protease, stops production of melanin, especially those caused by UV.
<b>PromaCare® NCM (Ultralow Nicotinic Acid)</b> 41012	Niacinamide	98-92-0	0.5~5%	Powder Temperature:70°C max Best pH range:3.5-7.5 Water soluble <b>Assay(Nicotinic acid) ≤20ppm</b>	As precursor for NADPH and NADH, PromaCare® NCM makes skin lighter, brighter and moisturized; Perfect for skin lightening, anti-oxidizing, moisturizing, anti-aging and anti-acne; Special efficacy for removing dark yellow tone of skin. Nicotinic acid content is less than 20 ppm.
<b>PromaCare® NCM (USP41)</b> 41011	Niacinamide	98-92-0	0.5~5%	Powder Temperature:70°C max Best pH range:3.5-7.5 Water soluble	As precursor for NADPH and NADH, PromaCare® NCM makes skin lighter, brighter and moisturized; Perfect for skin lightening, anti-oxidizing, moisturizing, anti-aging and anti-acne; Special efficacy for removing dark yellow tone of skin.
<b>PromaCare® PM</b> 31013	Potassium Methoxysalicylate	152312-71-5	0.5-3%	Powder Water soluble	Inhibits tyrosinase activity and production of melanin; Accelerate elimination of melanin by supporting normal keratinization of skin; Perfect for spot removing, anti-wrinkle and skin rejuvenation; Supportive for scar or acne removing formulations.
<b>PromaCare® HEPES</b> 71001	Hydroxyethylpiperazine Ethane Sulfonic Acid	7365-45-9	0.2-3%	White crystal powder Water soluble	PromaCare® HEPES is a soft keratin exfoliating product currently used by most famous international brands. Faintly acidic system. Similar to Keratoline. Can soften keratin, and gently promote the exfoliation of aged keratinocytes in the epidermal layer of skin. Smooth, soften skin and brighten skin tone to achieve whitening effect.

## Moisturizing Agents

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>NEW</b> PromaCare® CRM EOP(5.0% Emulsion) 440091	Ceramide EOP; Octyldodecanol; Caprylic/Capric Triglyceride; Glycerin; Butylene Glycol; Water; Glyceryl Stearate; Caprylhy- droxamic Acid; Chlorphenesin; Propanediol	179186-46-0; 5333-42-6; 65381-09-1; 56-81-5; 19132-06-0; 7732-18-5; /; 7377-03-9; 104-29-0; 504-63-2	1-20%	Milky liquid	PromaCare® CRM EOP is the golden component in ceramides, typically playing a role in connecting lipid bilayers. PromaCare® CRM EOP(5.0% Emulsion) utilizes liposome technology, with small particle size for easy absorption and penetration. It has superior barrier repair and moisturizing effects compared to 3,3B, and also provides skin elasticity
<b>NEW</b> PromaCare® CRM EOP(2.0% Oil) 440092	Ceramide EOP; Limnanthes Alba (Meadowfoam) Seed Oil; Tocopherol; Hexyldecanol; Neopen- tyl Glycol ; Dihepta- noate; Caprylyl Glycol; Ethylhexylglycerin; Polyglyceryl-2 Triisostearate	179186-46-0; 153065-40-8; 1406-18-4; 2425-77-6; 68855-18-5; 1117-86-8; 70445-33-9; 120486-24-0	1-20%	Colorless to yellow Liquid	PromaCare® CRM EOP is the golden component in ceramides, typically playing a role in connecting lipid bilayers. PromaCare® CRM EOP (2.0% Oil) is a transparent oil-soluble ceramide using molecular self-assembly technology.
<b>NEW</b> PromaCare® Olive-CRM(2.0% Emulsion) 440101	Glycerin; Aqua; Butylene Glycol; Hexyldecanol; Hydrogenated Lecithin; Neopentyl Glycol Dihepta- noate; Ceramide Np; Steareth-2; Caprylyl Glycol; Ethylhexylglycerin	56-81-5; 7732-18-5; 110-63-4; /; 92128-87-5; 68855-18-5; 100403-19-8; 16057-43-5; 1117-86-8; 70445-33-9	1-20%	Milky liquid	PromaCare® Olive-CRM is a natural ceramide derivative formed from organic olive oil and phytosphingosine by small molecule precision targeted modification technology, which is a major breakthrough at the level of traditional ceramides. With more than 5 types of ceramide NP, it continues the golden ratio of high fatty acids in olive oil, with stronger moisturising, barrier repairing and multi-dimensional anti-aging effects. PromaCare® Olive-CRM (2.0% Emulsion) utilizes liposome technology, with small particle size for easy absorption and penetration.
<b>NEW</b> PromaCare® Olive-CRM(2.0% Oil) 440102	Ceramide NP; Limnanthes Alba (Meadowfoam) Seed Oil; Hydrogenated Macadamia Seed Oil; Tocopherol; c14-22 Alcohols; Isononyl Isononanoate; Neopentyl Glycol Diheptanoate; Caprylyl Glycol; Ethylhexylglyc- erin; Polyglyceryl-2 Triisostearate	100403-19-8; 153065-40-8; /; 1406-18-4; /; 42131-25-9; 68855-18-5; 1117-86-8; 70445-33-9; 120486-24-0	1-20%	Colorless to yellow Liquid	PromaCare® Olive-CRM is a natural ceramide derivative formed from organic olive oil and phytosphingosine by small molecule precision targeted modification technology, which is a major breakthrough at the level of traditional ceramides. With more than 5 types of ceramide NP, it continues the golden ratio of high fatty acids in olive oil, with stronger moisturising, barrier repairing and multi-dimensional anti-aging effects. PromaCare® Olive-CRM (2.0% Oil) is a transparent oil-soluble olive ceramide using molecular self-assembly technology.
PromaCare® CRM Complex 440051	Ceramide 1; Ceramide 2; Ceramide 3; Ceramide 6 II; Butylene Glycol; Hydrogenated Lecithin; Caprylic/Capric Glycerides; Polyglyceryl-10 Esters Pentylene Glycol; Water	100403-19-8; 100403-19-8; 100403-19-8; 100403-19-8; 2568-33-4; 92128-87-5; /; 5343-92-0; 7732-18-5	Skin care products: 0.5-10.0% Transparent skin care products :0.5-5.0%	Milky white liquid	Long lasting moisturizing effect. Repair the skin barrier protection ability. Anti-inflammatory. Improve skin roughness and delay skin aging. Effectively improve the percutaneous absorption of water soluble active ingredients.



## Moisturizing Agents

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>NEW</b> PromaCare® 1,3- PDO 44008	Propanediol	504-63-2	1-10%	Viscous liquid	PromaCare® 1,3-PDO a 100% bio-basecar- bonbased diol produced from glucose as a material. It contains two hydroxy functional groups which give it properties such as solubility, hygroscopicity, emulsifying ability, and high permeability, it can be used in cosmetics as a wetting agent, solvent, humectant, stabilizer, astringent, and antifreeze agent.
<b>NEW</b> PromaCare® 1,3- BG 44014	Butylene Glycol	107-88-0	1-10%	Colorless transparent liquid	PromaCare® 1,3-BG is 100% Bio-Based product. It is a multifunctional emollient used in various personal care applications in Skin Care, Hair Care and Colour Cosmetics. Safe and non-irritating when used in formulas.
PromaCare® GG 44007	Glyceryl Glucoside	22160-26-5	0.5-5%	Colorless to light yellow transparent viscous liquid	Combining glycerol and glucose molecules with glycosidic bonds, it is the main active component of Miluomu (phoenix), which can promote the expression of aquaporin 3-AQP3 in keratinocytes, thus achieving a strong moisturizing effect; On the other hand, it can strengthen the skin's own immune system, activate the skin's antioxidant power, revitalize aging cells, stimulate cell vitality, increase the pro-collagen in aging cells, resist aging, and quickly repair skin damage.
PromaCare® H-PGA 44001	Polyglutamic acid	25513-46-6	1% -1%	White powder Water soluble	Moisture effect is better than sodium hyaluronate and collagen, can moisten skin for a long time, enhance skin elasticity and reduce wrinkles; Generally applied to cosmetics with wrin- kle-removal, sun protection and moisturizing effect.
PromaCare® L-PGA 44002	Polyglutamic acid	25513-46-6	1% -1%	White powder Water soluble Molecular wt(Da): about 100000	Low molecular weight polyglutamic acid, has synergistic interaction when compound with other moisturizing ingredients; Inhibit tyrosinase activity and melanin, has an obvious effect of skin modification and whitening, it is a rare product with both skin whitening and moisturizing effect; Generally used in facial mask and skin whitening products.
PromaCare® PCA-Na 44004	Sodium PCA	28874-51-3	1-5%	liquid Water soluble Molecular wt(Da): about 700000	A natural moisture ingredient, a main func- tion part of NMF, has a good moisture absorption and moisturizing effect; Non-irritation to skins and eyes, widely used in cosmetics; Has a better moisturizing effect than glycerine.
PromaCare® SH (Cosmetic grade, 5000 Da) 410076	Sodium Hyaluronate	9067-32-7	0.05-0.5%	powder Water soluble Cosmetic grade, 5000 Da	Particularly useful in beauty parlors because of its character of penetrating dermis easily. Imported by skin conditioners under the assistance of low voltage impulse or heat. PromaCare® SH (Cosmetic grade, 5000 Da) can improve the generation of new cells and resist aging so as to let skin feel its true value.
PromaCare® SH (Cosmetic grade 10000 Da) 410071	Sodium Hyaluronate	9067-32-7	0.05-0.5%	Powder Water soluble Cosmetic grade, 10000 Da	One of the most moisturizing materials found in natural world; Available in various molecular weight.
PromaCare® SH (Cosmetic grade. 1.0-1.5 million Da) 410073	Sodium Hyaluronate	9067-32-7	0.05-0.5%	Powder Water soluble Cosmetic grade, 1.0-1.5 million Da	One of the most moisturizing materials found in natural world; Available in various molecular weight.
PromaCare® ALT 41008	Allantoin	97-59-6	0.1-0.5%	Powder Water soluble	Soothes and moisturizes skin; Anti-inflammation; Perfect for skin care and hair care products.

## Anti-aging Agents

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
 <b>PromaCare® DH</b> 95006	Dipalmitoyl Hydroxyproline	41672-81-5	0.5-5.0%	White to off-white solid	PromaCare® DH is condensed from the natural amino acid hydroxyproline and the naturally sourced fatty acid palmitic acid. It has a high affinity for skin proteins and is effective in reducing the appearance of wrinkles, firming the skin and restoring skin tone and fullness. In addition, studies have shown that PromaCare® DH is also effective in enhancing the lustre and fullness of the lips.
 <b>PromaCare® FA(Natural)</b> 95007	Ferulic Acid	1135-24-6	0.1-3.0%	White fine powder	PromaCare® FA(Natural) is extracted from rice bran, it has strong antioxidant activity and antiseptic effect. PromaCare® FA(Natural) is used in skin care products with whitening, antioxidant, sunscreen, anti-inflammatory and other effects.
<b>PromaCare® BKL</b> 95005	Bakuchiol	10309-37-2	0.5-1.0%	Viscous liquid Oil soluble	Bakuchiol is a monoterpene phenolic compound isolated from psoralea seeds. Its structure is similar to resveratrol and its effect is similar to retinol, but it is better than retinol in terms of light stability. Anti-inflammatory, antibacterial, anti-acne, whitening and other effects.
<b>PromaCare® HPR</b> 95004	Hydroxypinacolone Retinoate	893412-73-2	Powder: 0.1-0.3% Liquid: 1.0-3.0%	Powder/Liquid	Is a novel vitamin A derivative that is effective without conversion. It can slow down the breakdown of collagen, promote keratin metabolism, clean pores, treat acne, improve rough skin, brighten skin tone, and reduce fine lines and wrinkles.
<b>PromaCare® HT</b> 95002	Hydroxypropyl Tetrahydropyrantriol	439685-79-7	Powder: 0.2-10% Liquid: 1.0-30%	Powder/Liquid	A derivative of xylose, originally isolated from the beech tree. It can effectively lock moisture and has a good moisturizing effect; By promoting the synthesis of glycosaminoglycans and proteoglycans it helps the epidermis and dermis connect closely and maintain the elasticity of the dermis; At the same time, it can promote the synthesis of collagen and promote the regeneration of damaged tissue.
<b>PromaCare® Ectoine</b> 95001	Ectoin	96702-03-3	0.3-2.0%	Powder Water soluble Best pH range: 1-9	It can enhance the immune protection ability of skin cells effectively, increase the ability of cell repair, help skin resist the invasion of microorganisms and allergens. And it is one of the bioengineering preparations used in high-grade cosmetics.
<b>PromaCare® Q10</b> 41006	Ubiquinone	60684-33-5/ 303-98-0	0.01-1%	Powder Oil soluble	Anti-aging; Antioxidant
<b>PromaCare® EGT</b> 95003	Ergothioneine	497-30-3	0.01-2.0%	Powder	A natural antioxidant from pine mushrooms that can hinder the formation of pigments and whiten the skin, highly protective to cells. It can effectively reduce or even prevent the glycation of proteins, with similar absorption wavelength to DNA, it is a very effective natural UV filter. Meanwhile, it can regulate the redox reaction in cells, participate in the regulation of intracellular energy, and is a physiological protective agent for cells.

## Anti-aging Agents

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>PromaCare® BFL</b> 92002	Bifida Ferment Lysate	96507-89-0	3-10%	Liquid	Derived from edible-grade bifidobacteria, the product contains a variety of active ingredients. It is mild and safe to the human body, and is easily absorbed and utilized by the skin. Moisturizing and enhancing skin elasticity.
<b>PromaCare® GSH</b> 91006	Glutathione	70-18-8	0.5-3.0%	White powder Water soluble	Can effectively delay cell senescence,fasten cell regeneration, meanwhile,it can prevent skin patch by inhibiting the activity of tyrosinase and the generation of melanin.
<b>PromaCare® VCP</b> 41005	Ascorbyl Palmitate	137-66-6	0.02-0.2%	Powder Oil soluble	Antioxidant;Oil soluble; Can enter the cell membrane (made from lipid) and access the lipoproteins,becoming a very important nutrient in our body; Acts synergistically with other antioxidants such as PromaCare® VEA; Prevents emulsion and oil from being oxidated.

## Emollients / Emulsifiers


Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>NEW Smartsurfa® M68</b> 51021	Cetearyl Glucoside (and) Cetearyl Alcohol	246159-33-1 /67762-27-0	Primary emulsifier: 3 - 5% Auxiliary emulsifier:1 - 3%	White to yellowish flaky	Smartsurfa® M68 is a natural glycoside-based O/W emulsifier, known for its high safety, strong stability, and gentle properties. It is derived entirely from natural ingredients. It exhibits outstanding compatibility and creates creamy, porcelain-white, and radiant formulations that are smooth and silky. The emulsion formed by this emulsifier also possesses a layered liquid crystal structure, offering long-lasting moisturizing capabilities.
<b>Smartsurfa® CPK</b> 51020	Potassium Cetyl Phosphate	19035-79-1	Primary emulsion: 1-3% Auxiliary emulsifying agents: 0.1-1%	Powder	Smartsurfa® CPK as the structure like the nature hospholipase (lecithin and in the cephaline) Skin, it has excellent affinity, high safety, and fine comfortable to the skin, so it can securely apply in baby care products. The products produced base on Smartsurfa® CPK can form a layer of water-resistant membrane as silk on the skin surface, it can provide effective water-resistant, and it is very suited on long-stand sunscreen and foundation; While it has obvious synergistic of SPF value for sunscreen.

## Emollients / Emulsifiers

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Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
 <b>Promollient® AL (High purity)</b> 510015	Lanolin	8006-54-0	0.5-5.0%	White soft ointment	Obtained through the purification of ordinary lanolin, it has high purity and excellent color. A superior moisturizer, giving skin more moist and smooth. Widely used in various cosmetics, e.g. skin care cosmetics, hair care cosmetics, make-up products and soap etc.
<b>Promollient® AL (USP23)</b> 510013	Lanolin	8006-54-0	0.5-5%	Clear, yellow, semi-solid ointment	An excellent emollient, easily absorbed by skin, - multi-step processed and refined from the fat collected from sheep wool washing, with excellent emulsifying capability; A superior moisturizer, giving skin more moist and smooth; Widely used in various cosmetics, e.g. skin care cosmetics, hair care cosmetics, make-up products and soap etc.
<b>Promollient® AL PEG-75</b> 51007	PEG-75 Lanolin	61790-81-6	0.5-5%	Waxy flakes	Promollient® AL PEG-75 is an ethoxylated derivative of lanolin which has emulsifying, solubilizing, wetting and cleansing properties and is an ideal product for soaps and cleansing gels; Promollient® AL PEG-75 is a very mild non ionic surfactant which can be used with amphoteric and other mild surfactants in the manufacturing of baby shampoos.

## Hair Care

Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
 <b>PromaCare® CAG</b> 71002	Capryloyl Glycine	14246-53-8	0.5-5.0%	White to pinkish beige powder	PromaCare® CAG is an amino acid-based multifunctional active with oil control, anti-dandruff, anti-acne and deodorant properties, in addition to antiseptic potentiation, which reduces the amount of traditional preservatives in the formulation. There are also successful cases of PromaCare® CAG being used in hair removal products for the treatment of hirsutism.
<b>PromaCare® PO</b> A21001	Piroctone Olamine	68890-66-4	0.5 max	White crystal powder	The only antidandruff agent and antipruritic that can be used in leave-on hair products; Widely used in body wash, have superior function of relieving itching; Have sterilization and deodorization effects; Have broad-spectrum killing effect on fungus and mould, have great treatment efficacy on tinea manuum and tinea pedis. Can be used as preservatives in cosmetics and bactericide as well as thickeners in soap.
<b>PromaCare® CMZ</b> A21003	Climbazole	38083-17-9	0.05-0.1%	Powder	It has broad-spectrum bactericidal effect, mainly used in hair conditioning shampoo like anti-itch, dandruff control shampoo. It can also be used in antibacterial soap, shower gel, toothpaste, mouthwash and other high-grade detergents.

Brand Name Catalog number	INCI Name	CAS No.	Dosage	Properties/Character	Applications
<b>PromaCare® D-Panthenol</b> A21005	Panthenol	81-13-0	1-5%	Liquid	Panthenolis an active ingredient for sophisticated cosmetic skin care and hair care products, It improves the appearance of skin,hair and nails.
<b>PromaCare® TGA</b> 46001	Thioglycolic Acid	1968-11-1	Hair products: (pH 7-9.5) General use:8% max Professional use:11% max Depilatories 5% max (pH 7-12.7) Hair rinse-off products: 2% max (pH up to 9.5)	Liquid Water soluble	Thioglycolic acid has a strong reducing effect under alkaline conditions. so it is widely used in cosmetic perm and depilatory agents. Because of its different usage, it can make the hair from soft to broken. Based on this feature, it has been widely used in hair perm and hair removal cosmetics.
<b>PromaCare® TGA-Ca</b> 46002	Calcium Thioglycolate	814-71-1	Hair products: (pH 7-9.5) General use: 8% max Professional use: 11% max Depilatories: 5% max (pH 7-12.7) Hair rinse-off products: 2% max (pH up to 9.5)	Powder Water soluble	Calcium thioglycolate is a chemical depilatory active with more than 99% active substance synthesized by an innovative synthesis process. It can effectively remove hair, soften and shape the hair in a short time, and is easy to wipe or rinse off.



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