

2017

Active Beauty Functional Agents



Sun care



Green technology
Extraction / green chemistry



Synthesis

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Pongamia Extract INCI China compliant Ecocert / Cosmos		Suggested INCI: Pongamia Glabra Seed Oil Preservative: None	Liposoluble	Dosage: max. 1% Form: white powder
Unimer U-6 INCI China compliant		INCI: Triacontanyl PVP	Soluble in cosmetic lipids such as mineral oil, ester oils or triglycerides. Insoluble in ethanol and water	Dosage: 1-5% Form: white to yellowish, waxy solid with a weak, characteristic odor
Unimer U-15 INCI China compliant		INCI: VP/Eicosene Copolymer	Soluble in cosmetic lipids such as mineral oil, ester oils or triglycerides. Insoluble in ethanol and water	Dosage: 4-10%, for special applications up to 30% Form: white to yellowish waxy solid
Unimer U-151 INCI China compliant		INCI: VP/Hexadecene Copolymer	Easily soluble in cosmetic lipids such as mineral oil, ester oils or triglycerides. Insoluble in ethanol and water	Dosage: 2-5% Form: liquid
Unitamer™ T-40 INCI China compliant		INCI: Titanium Dioxide (and) Triacontanyl PVP (and) Isoeicosane	Dispersible in lipophilic liquids such as mineral oil Insoluble in ethanol and water	Dosage: 5-15% Form: white solid with characteristic odor

Emollients / Oils



Green technology
Extraction / green chemistry

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Karanja oil INCI China compliant Ecocert / Cosmos		INCI: Pongamia Glabra Seed Oil Preservative: None	Liposoluble	Dosage: > 2% Form: yellow to brown liquid
Kendi oil INCI China compliant Ecocert*		INCI: Aleurites Moluccanus Seed Oil Preservative: None	Liposoluble	Dosage: > 1% Form: liquid
Nyamplung oil INCI China compliant Ecocert*		INCI: Calophyllum Inophyllum Seed Oil Preservative: None	Liposoluble	Dosage: > 1% Form: liquid
Softolive™ INCI China compliant		INCI: Hydrogenated Ethylhexyl Olivatate (and) Hydrogenated Olive Oil Unsaponifiables Preservative: None	Liposoluble	Dosage: > 2% Form: liquid
Xyliance™ INCI China compliant Ecocert / Cosmos		INCI: Cetearyl Wheat Straw Glycosides (and) Cetearyl Alcohol	Liposoluble	Dosage: 1-5% Form: flakes

Polymers



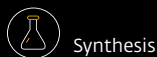
Green technology
Extraction / green chemistry



Synthesis

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Sens'Hyal™ INCI China compliant		INCI: Water (and) Rhizobian Gum (and) Sodium Hyaluronate Preservative: Phenoxyethanol, Chlorphenesin	Hydrosoluble	Dosage: 1-5% Form: Uncoloured slightly opalescent gel
Syner-GX™ INCI China compliant Ecocert / Cosmos		INCI: Cyamopsis Tetragonoloba (Guar) Gum (and) Xanthan Gum Preservative: None	Hydrosoluble	Dosage: 0.3-0.5% Form: powder
Unimer U-1946 INCI China compliant		INCI: VP/Hexadecene Copolymer (and) Octyldodecanol	Easily soluble in cosmetic lipids such as mineral oil, ester oils or triglycerides. Insoluble in ethanol and water	Dosage: 2-5% Form: Colourless to yellowish clear viscous liquid

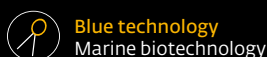
Odor control



Synthesis

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Silkalun™ INCI China compliant	-	INCI: Potassium Alum (and) Magnesium Stearate	Liposoluble	Dosage: 3-5% Form: white powder
Sinodor® INCI China compliant		INCI: Citronellyl Methylcrotonate Preservative: None	Liposoluble	Dosage: 0.2-1% Form: liquid

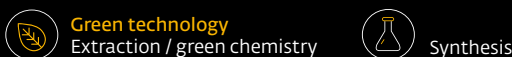
Functional water



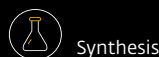
Blue technology
Marine biotechnology

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Eau Vitale™ Algue Bleue INCI China compliant		INCI: Water (and) Spirulina Platensis Extract Preservative: Phenoxyethanol	Hydrosoluble	Dosage: 1-100% Form: Colourless to pale yellow clear liquid

Exfoliants



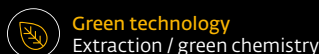
Green technology
Extraction / green chemistry



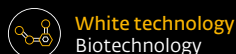
Synthesis

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Biogomm'age™ UE series INCI China compliant		INCI: Cellulose (and) Hydroxypropylcellulose (and) Tocopheryl Acetate (and) CI 77007 (US: Ultramarines)	Insoluble in water and resistant to pH > 6	Form: blue granulates of different sizes
Biogomm'age™ WD series INCI China compliant		INCI: Cellulose (and) Hydroxypropylcellulose (and) Panthenyl Triacetate	Insoluble in water and resistant to high and low pH-values	Form: white granulates
Exfoliance Apricot INCI China compliant		INCI: Prunus Armeniaca (Apricot) Seed Powder Preservative: none	Water dispersible	Particle size: 100-200µm and 300-500µm Form: white powder
Exfoliance Rice INCI China compliant Ecocert		INCI: Oryza Sativa (Rice) Hull Powder Preservative: none	Water dispersible	Particle size: <400µm Form: white powder

Surfactants











Green technology
Extraction / green chemistry



White technology
Biotechnology

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Appygreen™ 812 INCI China compliant Ecocert / Cosmos		INCI: Water (and) Decyl Glucoside (and) Xylose (and) Decyl Alcohol	Hydrosoluble	Dosage: 0.5-4% Form: liquid
Sophogreen™ Plus INCI China compliant Ecocert / Cosmos*		INCI: Water (and) Hydrolysed Candida Bombicola Extract Preservative: Benzyl Alcohol	Hydrosoluble	Dosage: > 1% Form: liquid

*approval pending

Product name	Techno.	INCI / Preservatives	Solubility	Formulation
Unicat™ MM INCI China compliant		INCI: Water (and) Methylchloroisothiazolinone (and) Methylisothiazolinone (and) Magnesium Nitrate (and) Magnesium Chloride	Highly soluble in water	Dosage: 0.05-0.1% Form: yellowish liquid
Unicide U-13 INCI China compliant		INCI: Imidazolidinyl Urea	Easily soluble in water and aqueous alcohol; slightly soluble in pure alcohol; insoluble in lipids	Dosage: 0.2-0.6% Form: white and odourless powder
Unidiacide™ U-26 INCI China compliant		INCI: Diazolidinyl Urea	Very readily soluble in water and aqueous alcohol. Sparingly soluble in pure alcohol. Insoluble in lipids	Dosage: 0.1-0.5% Form: Fine, practically odorless, white powder
Unigard™ OA-94 INCI China compliant		INCI: Phenoxyethanol (and) Benzoic Acid (and) Dehydroacetic Acid	Easily soluble in: ethanol, aqueous ethanol, ethylene glycol, propylene glycol; hydrosoluble (25°C: 0.5-1.0 g/l)	Dosage: 0.3-1.0% Form: slightly viscous liquid
Uniger™ G-2 INCI China compliant		INCI: Propylene Glycol (and) Diazolidinyl Urea (and) Methylparaben (and) Propylparaben	Soluble in aqueous ethanol as well as in pure and aqueous propylene glycol; soluble in water up to 1%; insoluble in lipids	Dosage: 0.5-1.6% Form: clear, colorless and slightly viscous liquid
Unikon™ A-22 INCI China compliant		INCI: Dichlorobenzyl Alcohol	Soluble in ethanol, polyethylene glycol, propylene glycol, slightly soluble in water (0.1%)	Dosage: 0.1-0.15% Commonly used at 0.1% Form: white crystalline substance
Uniphen™ P-23 INCI China compliant		Uniphen™ P-23 INCI: Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben (and) Isobutylparaben Uniphen™ P-23 NIB INCI: Phenoxyethanol (and) Methylparaben (and) Butylparaben (and) Ethylparaben (and) Propylparaben	Soluble in ethanol, aqueous ethanol, glycols, polyethylene glycols, moderately soluble in water (0.5%)	Dosage: 0.3-1.3% Form: clear, colourless to pale yellow liquid
Unipherol™ U-14 NP INCI China compliant		INCI: Isopropyl Myristate (and) Lecithin (and) Tocopherol	Miscible with vegetable oils and fats, petrolatum, synthetic triglycerides, ester oils, waxes, and other types of cosmetic oils. Insoluble in water	Dosage: approx. 5% Form: viscous liquid

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