INFINITY GREDIENTS

Inspiring Cosmetics

Gelling Agents

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Abwax® Revomul MB

(INCI: Polyglyceryl-3-Stearate, Rhus Succedanea Fruit Cera)

Abwax® Revomul is a 100% natural, PEG free, multifunctional O/W emulsifying wax that can produce a wide range of emulsions and viscosities.

Abwax® Revomul has been developed to help produce time- efficient formulations by offering unique “One Pot” processing that allows all ingredients to be combined altogether.

Recommended usage level: 2-8%

Babaçu oil

(INCI: Orbignya Oleifera Seed Oil)

Babaçu oil has emulsifying properties making it ideal for the preparation of O/W type emulsions. As an active ingredient, it can be used in skin and hair products for moisturisation. In soap it can be used to replace fats of animal and vegetable origin and as a raw material to obtain surfactants.

Babaçu almond is used in baby products in the form of liquid talc. When crushed, the seed produces a powder, known as babaçu powder, which absorbs moisture and helps protect the baby's skin, especially in the region of direct contact with the nappy.

Recommended usage level: 0.5 - 5% creams and lotions; 0.5 - 8% bar soaps and 0.1 - 1% in hair products

BeauSens® PG4

(INCI: Polyglyceryl-4 Pelargonate)

BeauSens® PG4 is a mild, non-ionic, sustainable surfactant derived from renewable European sources.

BeauSens® PG4 is a gentle, mild surfactant that generates small, creamy bubbles and is an ideal choice for use in micellar waters, cleansing milks and wet wipes. BeauSens® PG4 does not strip the skin of moisture and helps to maintain the skin’s natural hydration.

BeauSens® PG4 enhances the solubilisation of essential oils and fragrances.

Recommended usage level: Solubiliser 1-5% ; Mild surfactant 5-10%

EMotion® Light

(INCI: Tripelargonin)

EMotion® Light is an eco-designed, sustainable ester derived from renewable European crops.

EMotion® Light is a palm oil free derived high spreading , silky emollient that is an excellent alternative to typical synthetic esters such as Caprylic/Capric Triglyceride. It is lightweight, fast absorbing and is an excellent solubiliser for organic UV filters.

EMotion® Light offers a luxurious touch to both skin and hair care. In colour cosmetics, it delivers a matte finish. EMotion® Light is a microbiota friendly emollient.

Recommended usage level: 1-50%

ESSACHEM® BW

(INCI: Behenyl Olivate)

A natural based ester complex designed to offer thickening properties without compromising the spread of the formulation on the skin and hair.

ESSACHEM® BW will thicken the oil phase of emulsions, lip applications and oil enriched cleansers to aid stabilisation whilst delivering an exceptional skin feel.

This natural complex will enhance the moisturisation properties and post rinse after feel from oil enriched body wash formulations without impacting the cleansing and foaming properties.

Recommended usage level: 2 - 8%

Evicare® aquatex 80

(INCI: Xanthan Gum)

Evicare® aquatex 80 is a Cosmos certified, non-GMO, transparent and vegan gelling agent. Electrolyte tolerant it is compatible with up to 40% alcohol.

Fast solubility and excellent transparency. Highly compatible with surfactants and significantly reduced stringiness.

Evicare® aquatex 14 offers a higher viscosity yield compared to Evicare® aquatex 80 and Evicare® aquatex 80E .

Recommended usage level: 0.1 – 1.0 %

Evicare® aquatex 14

(INCI: Xanthan Gum)

Evicare® aquatex 14 is a Cosmos certified, non-GMO, transparent and vegan gelling agent. Electrolyte tolerant it is compatible with up to 40% alcohol.

Incredibly fast solubility and excellent transparency due to its granulated form.

Evicare® aquatex 14 offers a higher viscosity yield compared to Evicare® aquatex 80 and Evicare® aquatex 80E .

Recommended usage level: 0.1 – 1.0 %

Evicare® aquatex 80E

(INCI: Xanthan Gum)

Evicare® aquatex 80E is a cost effective, vegan gelling agent for use in surfactant systems and emulsions.

Evicare Aquatex 80E is Cosmos certified, non-GMO and electrolyte tolerant. Compatible with up to 40% alcohol. It offers fast solubility but opaque gels. Highly compatible with surfactants and being a fine powder, stringiness is significantly reduced.

In emulsions, a soft skin feel is obtained.

Evicare® aquatex 14 offers a higher viscosity yield compared to Evicare® aquatex 80 and Evicare® aquatex 80E .

Recommended usage level: 0.1-1%

Evicare® emulgiza light

(INCI: Glyceryl Stearate Citrate, Cetearyl Alcohol, Glyceryl Laurate)

Evicare® emulgiza light is a versatile O/W emulsifier blend that has the ability to create a variety of textures.

It is 100% natural, COSMOS/ECOCERT and NaTrue approved.

Supplied in pellets for ease of handling this fast-emulsifying emulsifier also offers a preservative boosting effect.

Recommended usage level: 3.5 - 5.0%

Evicare® emulgiza rich

(INCI: Glyceryl Stearate Citrate, Cetearyl Alcohol, Glyceryl Behenate)

Evicare® emulgiza rich is a highly effective emulsifier blend for O/W-emulsions to create both low and high viscosities.

It is a combination of the well-known food grade emulsifier, Glyceryl Stearate Citrate (proven for many years to be safe and skin compatible) with two co-emulsifiers, Cetearyl Alcohol and Glyceryl Behenate in an easy-to-use pelletised blend, which is suitable to create a range of different formulation concepts.

Recommended usage level: 2.5 - 7%

Evicare® GB

(INCI: Glyceryl Behenate)

Evicare® GB is a 100% natural O/W co-emulsifier and thickener. It imparts body and texture to emulsions by its crystallization in the emulsion and by forming a network between the oil droplets. It also lowers the surface tension between water and oil and therefore helps in the emulsification process like other long chain glyceryl monoesters. Due to its very long (C-22) carbon chain it is more effective and creates a different character in the cream. Evicare® GB can be added to the hot water phase as it requires melting to be activated. Mix it well prior to addition of the oil phase and homogenisation.

Recommended usage level: 1 - 3%

Evicare® GSC

(INCI: Glyceryl Stearate Citrate)

Evicare® GSC is a true evergreen in O/W-technology. This powerful, robust and 100% natural emulsifier gives reliable and stable emulsions under many conditions. It works with all kinds of emollients and other ingredients and even with surfactants. It is food grade and like all other palm-based products of our range RSPO MB. Used in natural and conventional skin care products such as, face care, baby care and sun care – there are virtually no limits for this easy to use O/W-emulsifier. It can be used on its own or combined with co-emulsifiers or texturizers.

Recommended usage level: 2.0 - 3.0%

Evicare® GSC pof

(INCI: Glyceryl Stearate Citrate)

Evicare® GSC palm free is a true evergreen in O/W-technology. This powerful, robust and 100% natural emulsifier gives reliable and stable emulsions under many conditions. It works with all kinds of emollients and other ingredients and even with surfactants. For people concerned about the sustainability of palm products we have this important emulsifier in a palm free version, too. Evicare® GSC pof is used in natural and conventional skin care products. Skin care, face care, baby care or sun care – there are virtually no limits for this easy to use O/W-emulsifier. It can be used on its own or combined with co-emulsifiers or texturizers.

Recommended usage level: 2.0 - 3.0%

Evicare® lipotex

(INCI: Hydrogenated Vegetable Oil)

Evicare® lipotex is a 100% natural and non-palm derived oil thickener.

It can increase the viscosity of liquid oils and convert them in soft fluid paste or even totally solid textures. It works with most vegetable or ester oils and makes application of oil phases such as massage oils neat and clean. Solid butters easily produced with Evicare® lipotex softly melt on the skin with our body temperature.

It is palm oil free and derived from rapeseed. Evicare® lipotex melts in oils at a temperature of approximately 60-70°C. Mix it thoroughly for a homogeneous distribution and let it cool down to yield a pasty to solid oil phase. The viscosity achieved depends on the concentration.

Recommended usage level: 5 - 15%

Evicare® PGPR

(INCI: Polyglyceryl-3 Polyricinoleate)

Evicare® PGPR is a very popular food grade W/O-emulsifier. This powerful, robust and 100% natural emulsifier provides reliable and stable emulsions with an extra caring effect. It works with all kinds of emollients and for people concerned about the sustainability of palm products: Evicare® PGPR is based on Castor Oil. Evicare® PGPR provides a rich and caring skin feel making it ideal for use in protecting hand creams, night creams and water-proof formulations where a thicker consistency is desirable. It can be used on its own or combined with co-emulsifiers and waxes.

Recommended usage level: 2.0 - 3.0%

Evicare® PGS

(INCI: Polyglyceryl-3 Stearate)

A highly efficient emulsifier for oil-in-water (O/W) systems. It can be applied in any emulsion type, from soft to rich and with varying viscosities including sprays.

The product is composed of Polyglyceryl-3 Stearate, which has been used in cosmetics and food for many years. It is non-toxic and compatible with ingredients of any type or structure. The product is completely natural, manufactured from glycerin and stearic acid by esterification.

Evicare® PGS is COSMOS certified and conforms with other natural cosmetics certification labels.

Recommended usage level: 1 – 4 % depending on oil phase and presence of co-emulsifiers.

Evicare® polysolve 10L

(INCI: Polyglyceryl-10 Laurate, Aqua, Citric Acid)

Evicare® polysolve 10L is a natural PEG-free solubiliser, co-emulsifier and co-surfactant. It can be used in Body Washes, Shampoos, Micellar Waters, Tonics and Lotions. The active ingredient is Polyglyceryl-10 Laurate, which is a non-ionic monoester of 10 glycerin units and lauric acid.

Recommended usage level: Co-Emulsifier: 1.5 – 3 %; Co-Surfactant: 1 – 30% depending on formulation type

Evicare® polysolve 10L 100

(INCI: Polyglyceryl-10 Laurate)

Evicare® polysolve 10L 100 is a natural PEG-free solubiliser, co-emulsifier and co-surfactant based on vegetable glycerin. It can be used in Body Washes, Shampoos, Micellar Waters, Tonics and Lotions. The active ingredient is Polyglyceryl-10 Laurate, which is a non-ionic monoester of 10 glycerin units and lauric acid.

Recommended usage level: Co-Emulsifier: 1.5 – 3 %; Co-Surfactant: 1 – 30% depending on formulation type

Evicare® polysolve 4C

(INCI: Polyglyceryl-4 Caprate)

Evicare® polysolve 4C can be used as a natural solubiliser and will create a milky to translucent solution. Especially suitable for very polar emollients. Due to its non-irritant properties it can also be used as a co-surfactant for mild rinse-off formulations, such as micellar waters, liquid soaps as well as face and body washes.

It can also be used as a co-emulsifier as it has some self-emulsifying properties, making it ideal for self-emulsifying bath oils or cleansing oils.

With its refattening characteristics Evicare® polysolve 4C will improve the sensory quality of every formulation and will leave the skin nourished without leaving a sticky skin feel.

Recommended usage level: 1-20%

Evicare® polysolve 4C 90

(INCI: Polyglyceryl-4 Caprate, Aqua)

Evicare® polysolve 4C 90 can be used as a natural solubiliser and will create a milky to translucent solution. Especially suitable for very polar emollients.

Due to its non-irritant properties it can also be used as a co-surfactant for mild rinse-off formulations, such as micellar waters, liquid soaps as well as face and body washes. It can also be used as a co-emulsifier as it has some self-emulsifying properties, making it ideal for self-emulsifying bath oils or cleansing oils.

With its refattening characteristics Evicare® polysolve 4C 90 will improve the sensory quality of every formulation and will leave the skin nourished without leaving a sticky skin feel.

Recommended usage level: 1-20%

Evicide® G 5 eco

(INCI: Pentylene Glycol)

Evicide® G 5 eco is a powerful moisturiser and a good aid for achieving a highly homogeneous droplet dispersion in O/W emulsions. However, its most interesting activity is the antimicrobial effect in cosmetic formulations with unlimited pH.

Pentylene Glycol is active against bacteria, yeast and mould. The mode of action is based on its amphiphilic structure, which also enables it to act as a potent penetration enhancer.

Recommended usage level: 5% when used as a moisturiser with full preservative effect; 3% use as moisturiser and preservative booster; 1% used as moisturiser and penetration enhancer

Evicide® G 6 & Evicide® G 6 eco

(INCI: 1,2-Hexanediol)

Evicide® G 6 / Evicide® G 6 eco is a skin-friendly refatting agent and powerful moisturiser offering broad-spectrum antimicrobial protection to leave-on products including masks. It is widely used as a natural preservative boosting agent.

Recommended usage level: 0.5 - 3.0%

Evicide® G 8/ Evicide® G 8 eco

(INCI: Caprylyl Glycol)

Evicide® G 8/ Evicide® G 8 eco provides the strongest antimicrobial activity in the family of glycols and is widely used in the personal care industry as a natural preservation boosting agent.

Evicide® G 8/ Evicide® G 8 eco is the preferred boosting agent in skin care formulations. It is especially powerful in all emulsion types and works at low levels to improve the performance of any preservative system. In addition, it can also accelerate the emulsification process to save time in production and provide protection to anhydrous products such as, lipsticks.

Recommended usage level: 0.3 - 0.7%

Evicide® GML

(INCI: Glyceryl Laurate)

Evicide® GML has a number of exciting functions: It is a skin conditioner, surfactant thickener and also a co-emulsifier used for a quicker emulsifying process and for achieving a highly homogenous droplet dispersion in O/W emulsions. Evicide® GML is mostly known for its antimicrobial effect and preservative boosting capabilities in cosmetic formulations.

The short chain glyceryl monoesters show good efficacy against microorganisms. Within this group, Evicare® GMCY stands out in terms of efficacy but can sometimes compromise the emulsion stability. Evicide® GML is very interesting regarding its promoting effect for emulsion formation while having no issues of lowering viscosity or destabilising emulsions.

Recommended usage level: 0.5 - 2%

Evicide® GMCY

(INCI: Glyceryl Caprylate)

The 100% natural Evicide® GMCY is an interesting processing aid in emulsification processes. It can accelerate the emulsification process and save time in production. On top of this Evicide® GMCY is the best known and most widely used natural preservation boosting agent that improves the preservative effect of every known system. Evicide® GMCY is the preferred boosting agent in skin care formulations. It is especially powerful in all emulsion types and works at low levels to boost the performance of any preservative system. Perfect for all certified natural products.

Recommended usage level: 0.3 - 0.7%

FOAMIN'TEA

(INCI: Camellia oleifera seed extract)

FOAMIN'TEA is a 100% natural and upcycled plant powder with surfactant assets and is a by-product of the tea seeds oil extraction. Thanks to its properties, FOAMIN'TEA can replace your usual surfactant to create a generous foaming effect, with cleaning and antimicrobial actions. This anionic surfactant is ideal for use in a variety of applications including: dry cleansers, micellar waters, shower gels, shampoos, cleaning pastes and toothpastes.

Recommended usage level: TBC

GELLIN-K

(INCI: Glucomannan)

GELLIN-K is a gelling agent obtained by extracting polysaccharides from konjac's root. It provides colourless gels with high viscosity, leaving a protective film and fresh feeling on the skin. It can be used in either hot or cold processes and is the perfect natural alternative to synthetic polymers. Ideal to formulate shower gels, shampoos, slimming gels, gel scrub, freshness gel mask.

Recommended usage level: 0.1-1.5%

Green Behenic

(INCI: Behenamidopropyl Dimethylamine)

Green Behenic is a high performance conditioning agent with excellent sensory properties, which is adsorbed by the negatively charged surface of the hair, without leaving residues or weighing the hair. It gives high, wet and dry, combability, soft touch and reduced frizz and volume.

Recommended usage level: 0.5 - 2%

Green CAPB-B

(INCI: Cocamidopropyl betaine)

The Green CAPB-B is obtained by the crude babaçu oil. This oil is rich in lauric, myristic and oleic fatty acids. This allows the actives products presents in the formulation to be better absorbed by the hair, enhancing its effects. In addition, the oil is known for its emollient properties and for its lightness in the hair fibre, being absorbed quickly without affecting its movement or leaving them oily.

The Green CAPB-B has excellent dermal compatibility and associated with anionic surfactants, allow a synergistic reduction of irritability to the eyes and skin, brings a soft and creamy foam, besides that, it is naturally more viscous. Can be used in clear and pearly shampoos formulations, formulations for kids, shower gel, shower foam, liquid soaps.

Recommended usage level: 1 - 5% hair care and 1 - 8% skin care.

Green Cocoamphoacetate B

(INCI: Sodium Babassuamphoacetate)

Green Cocoamphoacetate B (from Babaçu oil) is a mild amphoteric vegetal surfactant (35 - 40% active) that is Cosmos certified. It is a multi-functional ingredient that can be used in a variety of personal and hair care applications as well as baby/ kids care.

Rich in lauric, myristic and oleic fatty acids, its benefits of application to the skin and hair are superior to the conventional product of the market.

Recommended usage level: 3%

Idrawax® Revo

(INCI: Helianthus Annus Seed Cera, Polyglyceryl-3 Polyricinoleate)

Idrawax® Revo is a multifunctional, 100% vegetable origin natural wax designed to create solid W/O emulsions.

It offers good product stability and unique, innovative textures.

Idrawax® Revo is tolerant of both hydrophilic and lipophilic active ingredients, and has the ability to emulsify up to 30% hydrophilic phase. Idrawax® Revo is a good choice in formulating waterless products and solid sticks.

Recommended usage level: Sticks >11%

Insapolive

(INCI: Olea Europae (olive) Oil)

Insapolive is a 100% vegetable emollient, composed of Olive Oil unsaponifiable, rich in sterols and squalene. It participates actively in hydrating and soothing skin, whilst also acting as a co-emulsifier.

Sterols and squalene are naturally present respectively in our alimentation (oils) and at the surface of our skin, and have an important action on the epidermis hydration.

Insapolive increases the expression of proteins involved in skin barrier function, whilst providing antioxidant benefits and improving the skin structure and elasticity. Ideal for sensitive, dry and mature skin.

Recommended usage level: 5 - 10%

Olifeel® Pearls

(INCI: C10-18 Triglycerides)

Olifeel® Pearls are a patented, non-hydrogenated thickener for anhydrous systems.

Olifeel® Pearls are able to thicken natural, synthetic and silicone formulations as well as providing suspension. Viscosity of the end products depends on oil polarity and dosage levels of Olifeel® Pearls. Olifeel® Pearls provides a luxurious, non-greasy skin feel. They are easy to use and suitable for use in emulsions (O/W stabiliser), creams, conditioning, sticks, butters, mascaras and masks.

Recommended usage level: 0.5 - 40% (< 2.5% offers a creamy feel without viscosity, > 2.5% provides more viscosity and structure).

Olifeel®E-Nat W/O

(INCI: Polyglyceryl-3 Polyricinoleate, Polyglyceryl-3 Oleate)

Olifeel® E NAT W/O is a 100% natural, eco friendly emulsifier derived from the non- edible by-products of Mediterranean olives.

Olifeel® E NAT W/O is a primary emulsifier which provides a smooth, non- greasy skin feel and no co- emulsifier is required.

Olifeel® E NAT W/O has good compatibility with a wide range of oils of differing polarities, UV filters and thickeners. Olifeel® E NAT W/O is an extremely versatile emulsifier as it can be processed hot or cold.

Suitable for most cosmetic applications

Recommended usage level: 3-6%

Peruvian Tara Seed

(INCI: Caesalpinia Spinosa Gum)

Tara Gum is a 100% natural gelling agent obtained by mechanical process from the Tara Tree Seed native to the Peruvian Andes. This bio-nutrient has been used by the Peruvian Incas for the past millennia to treat irritated skin as well as many other diverse uses.

Not only does it help improve skin condition it also provides moisturisation due to it containing various polysaccharide groups. In formulations, Tara gum can be used to form stable gels, as a viscosity controlling agent, to create smooth non-sticky, non-tacky and non-stringy gels as well as providing stability to emulsions. Stable over a wide pH range and 100% natural.

Recommended usage level: 0.5 - 1.0%

SCLEARGEL

(INCI: Sclerotium gum)

100% natural rheological gelling agent, resulting from the fermentation of the Sclerotium rolfsii mushroom (GMO free). It is the perfect ingredient to to formulate extremely transparent and clear aqueous gels. It can also be used as a co-emulsifier to stabilise emulsions.

Recommended usage level: 0.1-2%

SPECIFEEL® EM

(INCI: Sodium lauroyl sarcosinate, Sodium Cocoamphoacetate,Lauryl Glucoside, Sodium Methyl Cocoyl Taurate, C12-13 Alkyl Lactate)

SPECIFEEL® EM is a concentrated blend of anionic, non-ionic and amphoteric surfactants.

It is easy to use, cold processable and offers a mild, creamy soft rich foam.

SPECIFEEL® EM is suitable for use in baby products, shower gels & foam baths, mild shampoos, hand cleansers and oil based toiletries (shampoos and shower gels with up to 30% oil) providing a creamy texture.
Recommended use levels: 25-45%

Recommended usage level: 25-45%

TI-NatSurf® BW

(INCI: Aqua (Water), Decyl Glucoside, Sodium Myristoyl Sarcosinate, Cocamidopropyl Hydroxysultaine, Sodium Cocoyl Amino Acids (Apple))

TI-NatSurf® BW is designed for formulating premium range of high-end bath, body, and hair products. It may be used as the primary or as the secondary surfactant offering excellent hydrophobe compatibility without compromising foam integrity.

It has excellent compatibility with traditional anionic systems, such as lauryl and laureth sulphates and a variety of sulphonates, making it an ideal choice for secondary surfactant replacement, to improve foam characteristics of a system.

Its uncompromising foam performance in the presence of natural polar oils, makes it the ideal candidate in the preparation of moisturising bath products offering exception post-rinse sensory.

Recommended usage level: 25 – 50%

TI-NatSurf® FHS

(INCI: Aqua (Water), Caprylyl/ Capryl Glucoside, Sodium Lauroyl Sarcosinate, Decyl Glucoside, Cocamidopropyl Hydroxysultaine, Sodium Cocoyl Amino Acids (Apple))

TI-NatSurf® FHS is specifically designed for use in low viscosity aerated pump foaming systems. It may be used as the primary or as the secondary surfactant in a variety of sulphate-free toiletry preparations using aerated pump foaming systems as their mode of delivery.

It has excellent compatibility with traditional anionic systems, such as lauryl and laureth sulphates and a variety of sulphonates. Its hydrophobe compatibility allows the formulation of crystal clear micro-emulsions or stable opaque dispersions with emollient esters, and other natural polar oils.

Recommended usage level: 25 - 50%

TI-NatSurf® QCB

(INCI: Aqua (Water), Cocamidopropyl Hydroxysultaine, Myristamine Oxide, Caprylyl/ Capryl Glucoside, Decyl Glucoside)

The TI-NatSurf® QCB is a uniquely designed to provide versatility in formulation a wide range of personal care cleansing preparations. It may be used as the primary or as the secondary surfactant offering excellent hydrophobe compatibility without compromising foam integrity.

It has excellent compatibility with traditional anionic systems, such as lauryl and laureth sulphates and a variety of sulphonates, making it an ideal choice for secondary surfactant replacement, to improve foam characteristics of a system. Its hydrophobe compatibility allows the formulation of crystal clear micro-emulsions with emollient esters, and other natural polar oils, offering exception post-rinse sensory.

It is compatible with quaternary ammonium compounds and other cationics, and has great compatible with high electrolyte levels, while still maintain a crystal clear system.

Recommended usage level: 25 – 50%

Contact Us

Interested?

Then contact the Infinity team for more information:

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