Mum and baby range
Mum and baby

Let’s talk about mum first. Being pregnant can often have downsides, with morning sickness, tiredness, swollen ankles and a growing bump, not to mention the possibility of haemorrhoids and back ache. For the purpose of the Cosmetics market we will focus on stretch marks and pain reduction for haemorrhoids. Stretch marks are caused by the rapid stretching of the skin. They are linear scars which affect a thin layer of skin and can be alleviated pre- and post- birth by keeping the skin moist and supple. This can be achieved by the application of creams/oils designed to keep the skin firm, strong and supple. Along with the help of active ingredients that provide moisturisation and help repair the collagen-elastin network.

Now let’s talk about babies. Their skin is very different to adult skin and as such, need special care. Mild and gentle ingredients are essential for this market sector. Products treat and prevent nappy rash, cradle cap (infantile Seborrhoeic dermatitis) as well as calming oils for baby massage applications.

For inspiration, we at Infinity Ingredients are pleased to summarise the ingredients we offer for these categories below…. 
Stretch Marks

Avenna MP25 (INCI: Avena Sativa Meal Extract) harnesses the powerful benefits of an Oat (Avena sativa) extract containing 21 - 25% Beta-glucan, a material that has structural similarities with Hyaluronic acid. This material is widely used as a moisturiser for imparting smoothness to the skin and hair. These polysaccharides have been found to be moisturising and wound-healing ingredients, can also stimulate Collagen and Elastin production and be a powerful stimulator of the immune system. Avenna MP25 is a source of many other cosmetically beneficial components such as proteins, 17 free Amino acids, essential fatty acids, minerals and six vitamins: the material is therefore a powerful antioxidant and skin normalising ingredient.

Recommended use level: 0.5 – 10%

Body³ Complex™ (INCI: Bentonite (and) Butyrospermum Parkii (Shea) Butter Extract (and) Persea Gratissima (Avocado) Fruit Extract). Cellulite is seen in 85% of women regardless of age, ethnic origin, body shape or weight. It is characterised by fat accumulation in Adipocytes particularly on the thighs, buttocks, hips and stomach. Body³ Complex™ differentiates itself from other slimming agents by its unique ability to stimulate lipolysis by acting on the ZAG pathway. Body³ Complex™ is a unique cosmetic active complex, which provides a triple-action benefit due to the synergistic combination of: Unroasted Shea Butter extract for its slimming active properties; Avocado Seed extract to activate connective tissue metabolism; Bentonite to entrap and progressively release the Avocado Seed and Unroasted Shea Butter extracts. Body³ Complex™ reduces the appearance of Cellulite and the orange-peel look, improves firmness and reduces the appearance of stretch marks.

Recommended use level: Preventive care: 0.1 - 0.5%; Treatment care: 0.5 - 1%

ChroNOline™ (INCI: Glycerin (and) Water (and) Dextran (and) Caprooyl-Tetrapeptide-3) is a biomimetic Tetrapeptide derived from a growth factor, linked to a lipid for higher stability and optimal skin penetration. ChroNOline™ boosts the production of key components at the DEJ such as, Collagen VII, Laminin-5 and Fibronectin for optimal skin structural support. ChroNOline™ preserves the DEJ and communication between Dermis and Epidermis and facilitates the regression of the stretch marks.

Recommended use level: Intensive treatment: 2.5%, Preventive treatment: 1% to 2.5%, Skin repair treatment: 0.3% to 1%

Drieline® (INCI: Sorbitol (and) Yeast Extract) is a highly purified Yeast Polysaccharide extracted from Saccharomyces cerevisiae. This Yeast, used in a multitude of common fermentation processes (beer, alcohol, bread) reinforces the natural skin defence system as well as cell renewal. The Polysaccharide is obtained by an eco-friendly manufacturing process. Drieline® is a true ‘tissue restructuring agent’ with a deep action, for a visible skin effect. During an in vivo panel test, panellists suffering from pink or purplish stretch marks agreed that the skin is more toned and stretch marks are less visible for a more attractive look.

Recommended use level: 0.5 - 2%

Dermofeel® GO soft (INCI: Polyglyceryl-2 Sesquioleate) is an economic W/O emulsifier (no requirement for a co-emulsifier) with an excellent sensorial profile similar to what you would expect from an O/W emulsion. It provides a very soft touch similar to that of whipped cream. Compatible with salts and Zinc Sulfate (required for the formation and stability of W/O emulsions). More suitable for conventional products, rather than natural as the maximum recommended vegetable oil level is 5%. Dermosoft® GO Soft provides a much lighter profile, which is less greasy compared to Dermofeel® PGPR (see below).

Recommended inclusion level: 0.5 – 4%
Dermofeel® viscold
(INCI: Hydrogenated Vegetable Oil). A natural oil thickener supplied as a powder with a melting point of approximately 60°C. It is used to convert liquid oils into soft, creamy textures. The resulting product is an elegant soft oil paste that is easy to apply on the skin without smearing and dripping. It can be used in jars or with a pump dispenser; a gel texture is essential to obtain stable formulations. There is no influence on the sensorial profile of the oils which makes it ideal for massage oils. Dermofeel® viscold has been tested with various oils and is compatible with plant oils as well as ester oils, mineral oil or silicones. The thickening effect is based on a delicate network of fine lipid crystals that upon contact with the skin melt and forms a liquid phase with the sensorial profile of the oil mixture used.

Recommended use level: Oil gel 3 – 10%; W/O Emulsion 0.5 - 3%; O/W Emulsion 0.5 - 4%; Lip sticks 1 - 10%

Dermofeel® viscold Palm Oil Free
(INCI: Hydrogenated Rapeseed Oil). This natural oil thickener is a powder with a melting point of ~60°C. It is used to convert liquid oils to soft, creamy textures. The resulting product is an elegant, soft oil paste that is easy to apply on the skin without smearing and dripping. It can be used in jars or with a pump dispenser; a gel texture is essential to obtain stable formulations. There is no influence on the sensorial profile of the oils which makes it ideal for massage oils. Dermofeel® viscold Palm Oil Free has been tested with various oils and is compatible with plant oils as well as ester oils, mineral oil melt and forms a liquid phase with the sensorial profile of the oil mixture used. Dermofeel® viscold Palm Oil Free is produced without using any palm oil derivatives.

Recommended use level: 0.5 – 10%

Ennacomplex 212
(INCI: Aqua, Butylene Glycol, Alchemilla Vulgaris Extract, Olea Europaea Leaf Extract, Panax Ginseng Extract, Salvia Officinalis Extract, Thymus Serpillum Extract) is a botanical complex specially formulated to firm and tone the bust and decolletage area. It contains extracts of Ginseng, Lady’s Mantle, Olive leaf, Sage and Wild Thyme.

Recommended inclusion level: 5 – 15%

Exo-T™
INCI: Butylene Glycol (and) Vibrio Alginolyticus

Ferment Filtrate). The Exossine™ line is composed of 3 exotic Polysaccharides from French Polynesia that provide long-lasting hydration, smooth skin texture and protect against pollution. Exo-T™ has demonstrated a higher activity than Retinoic acid in the stimulation of the desquamation markers. Exo-T™ is a potent inducer of differentiation markers; it protects the Collagen network and thus contributes to skin regeneration and the improvement of stretch marks. Exo-T™ improves skin smoothness leading to an even skin complexion. Exo-H™ and Exo-T™ regenerate skin texture and natural hydration for a smooth, radiant and healthy looking skin complexion.

Recommended use level: 1 - 3%

G2White
(INCI: Butylene Glycol, Glycyrrhiza Glabra Root Extract). A Glycyrrhiza flavon only found in the root of Glycyrrhiza Glabra, which is traditionally known for its skin whitening activity. Extracted using a 100% green and natural process, G2White is suitable for natural skin lightening formulations. In vivo studies show G2White to inhibit the production of melanin, whilst providing de-pigmentation and lightening properties. G2White can also be used to combat hyperpigmentation and dark spots (in vivo data) as well as stretch marks related to UV exposure.

Recommended use level: 0.3 – 1.5%

INKA DRAGO
(INCI: Propanediol (and) Water (and) Croton Lechleri). A unique natural ingredient from the Amazon Rainforest. INKA DRAGO (Dragon’s Blood) is obtained from the resin of the Croton Lechleri tree and has been used by the Amazonian natives since ancestral times for its great healing power. Rich in Proanthocyanidins and Taspine, INKA DRAGO promotes the formation of new collagen acting as a second skin. It is able to reconstruct the links between collagen fibres to stimulate scab formation and wound contraction.

Recommended use level: 3 - 5%

INKA OMEGA OIL
(INCI: Plukenetia Volubilis Seed Oil). Traditionally used to heal and relieve muscle and rheumatic pains by rubbing the oil directly onto the body. In skin care, INKA OMEGA OIL reduces the Trans Epidermal Water Loss, improves the barrier function of the skin, normalises the keratinisation process, prevents DNA damage and restores skin softness.

Recommended use level: 1 - 10%
Kollaren®
(INCI: Water (and) Dextran (and) Tripeptide-1)
is a Biomimetic Peptide derived from a signal Peptide. Kollaren® increases the firmness of the skin by activating the Extracellular Matrix Proteins synthesis such as Collagen, Elastin, Fibronectin and Laminin. With its tissue repair properties, Kollaren® encourages tissue renewal and restores the biomechanical properties of the skin. Kollaren® is the perfect tool to fight the ageing process, reduce the appearance of sagging skin, wrinkles and other manifestation of skin ageing.
Recommended use level: 1 - 10%

Kahai Oil
(INCI: Caryodendron orinocense nut oil) is a 100% natural oil, extracted by cold pressing the nuts of the Cacay tree. It has a high penetration capability, a dry skin feel, and a mild nutty scent, which fades quickly. Its high content of natural Vitamin E, F & Retinol nourishes, softens and repairs damaged skin. Kahai Oil revitalises the skin's radiance, reduces fine lines, wrinkles and stretch marks as well as providing long lasting hydration. Kahai Oil contains 50% more Vitamin E and twice the amount of Linoleic Acid than Argan oil; and it has 3 times more Retinol than Rose Hip Oil. Ideal for stretch mark oils, creams, lotions and body butters.
Recommended use level: Various

SWT-7™ H
(INCI: Maltodextrin, Swertia Chirata Extract) is an ultra-high-tech active inspired by advanced regenerative medicine that boosts self-repair system of the skin and targets fast (up to 7 days) skin tissue recovery. It has a biomimetic action on adipose-derived stem cells featuring specific factors that ensure cell-to-cell communication. Its oil-soluble nature enhances bioavailability and boosts the results on vertical lines (responsible for tired and sad facial expression), wrinkles, volume, skin texture and lip lines.
Recommended use level: 0.5 – 2%
Haemorrhoids

**Capsine**
(INCI: Capsine:- Capsicum Frutescens Resin. Capsine WS Propylene Glycol, Polysorbate 80, Capsicum Frutescens Fruit Extract).
Also called Red Pepper, Cayenne pepper, or Chillies, it is an annual herbaceous native to tropical America. Capsine is a concentrated oil-soluble extract of Capsicum fruits with a standardised content of 10 % Capsaicin. When appropriately applied to the skin, the product produces a gentle sensation of warming and also acts as a topical analgesic by inhibiting the synthesis, transport and release of Substance P, a neurotransmitter of pain. For water based systems, try Capsine WS which is a standardised water soluble Capsicum extract containing 1.5 % Capsaicin.
Recommended use level: 0.01 – 0.5%

**MERISTEM**
(INCI: Aqua, Quercus Robur Root Extract) is a water extracted botanical ingredient sourced from Oak tree root growth tissue (Meristem). Plant Meristem cells are rich in substances physiologically active to support and protect cell growth, especially Phenylpropanoids which play a very important role in defending the plant against external stresses. In-vitro studies have shown that the material modulates the agonist of the TRPV3 pain receptor (nociceptive) system by more than 50% in 24h. In the skin this results in a lenitive and soothing behaviour. 
Recommended use level: 0.5 – 2%

**Neutrazen™**
(INCI: Water (and) Butylene Glycol (and) Dextran (and) Palmitoyl Tripeptide-8) is a true neurocosmetic specifically designed to prevent and reverse signs of neurogenic inflammation. Neutrazen™ is an innovative Tri-peptide linked to a lipid for optimal penetration and efficacy: Neutrazen™ instantly calms and soothes irritated skin and helps to maintain and restore a normal skin sensitivity threshold. Ideal for laser treatment as reduces sensitivity and diminishes pain sensation.
Recommended use level: Intensive treatment: 2.5%; Preventive treatment: 1 to 2.5%; Sensitive skin addition: 0.3 to 1%
Cradle Cap

**CYTOFRUIT® WATERS Lemon** (INCI: Citrus Limon Fruit Extract) is an organic certified water from Lemon fruits harvested in Mediterranean organic fields. Rich in Vitamin C, Potassium and Citric Acid, Lemon fruits cleanse and exfoliate dull and oily skins, whilst refreshing and quenching the skin’s thirst to provide a radiant glow. In addition, Lemon fruit also offers natural anti-bacterial and astringent properties. Thanks to the presence of oligo-elements, this CYTOFRUIT® Water could sustain skin biological benefits through an improvement of cell vitality, a protection against external agents or a physiological improvement. Standard grade (Bio 99) is preserved with Potassium Sorbate. Bio grade is available and is preservative-free.

**Recommended usage level:** 1 – 100%

**Defenscalp™**

(INCI: Aqua, Epilobium Angustifolium Flower/Leaf/ Stem Extract) extracted from rosebay and titrated in oenothein B polyphenols, Defenscalp™ is a smart multifunctional plant-derived ingredient designed to naturally and gently regulate the Malassezia proliferation responsible for dandruff, while preserving the scalp microbiota ecosystem. As a scalp-friendly alternative to irritating classical anti-dandruff ingredients, Defenscalp™ provides outstanding clinical results on sebo-regulation and anti-dandruff action from the first use, without side-effects. Defenscalp™ normalises sebum, reinforces Corneocyte cohesion and modulates the scalp immuno-inflammatory defence system to maintain a healthy flake free non-oily looking scalp and hair. Ideal for greasy hair products as well as anti-dandruff and sensitive scalp care.

**Recommended usage level:** Preventative hair care: 0.5 – 1.0%; Intensive hair care: 1.0 – 1.5%

**Dermosoft® 688**

(INCI: p-Anisic acid) is a nature identical flavouring agent with versatile properties and strong fungicidal activity. It can be used to adjust the pH-values in leave-on- and rinse-off-products by incorporating it in the water phase during manufacturing. An example of this is the treatment of Dandruff (Seborrhoeic dermatitis). Optimum pH for maximum efficiency is 4.5 - 5.5.

**Recommended use level:** 0.05 – 0.2%

**Dermosoft® decalact**

(INCI: Sodium Caproyl/Lauroyl Lactylate) is a natural and effective active (from Sugar Beet) against gram positive bacteria and yeasts with efficacy against Malassezia Furfur (dandruff). In dandruff applications the optimum pH is 5.5, which is lower than the more traditionally used Octyprrox (pH 7). The optimum pH for a healthy scalp is 5.5. There are no usage restrictions for Decalact.

**Recommended use level:** 0.5 – 1% (leave-on) and 1 – 2% (rinse-off).

**Oliveel® TD7525**

(INCI: Triolein, Glyceryl Dioleate) is a unique synergy of highly purified olive triglycerides and diglycerides with a soft, non-greasy touch. Benefits include higher skin penetration due to the biocompatibile triglycerides, increased stability due to polar diglycerides as well as an enhanced resistance to oxidation. Highly stable and good for producing shower creams with moisturisation claims. Triglycerides remain on the skin providing a caring and moisturised effect. Does not impact on foam. Suitable for emulsions, body care, sticks, mascaras, shampoo, hair masks, colour foundation, lip gloss, sun care, wet wipes, liquid soap and bar soap.

**Recommended use level:** 0.5 – 60%
Nappy Rash

**Abyssine®**
(INCI: Water (and) Butylene Glycol (and) Alteromonas Ferment Extract). From the deepest oceans…
Abyssine® is a real survival molecule that reduces skin reactivity and discomfort as well as providing protection against UV-damage, allergic reactions and mosquito bites (anti-histamine treatment). Abyssine® also soothes irritated and sun burnt skin making it the ideal option for the protection of sensitive and itchy skin. Abyssine® reduces skin discomfort, dryness and flakeyness of irritated skin. Ideal for nappy rash creams and baby lotions.

**Recommended use level:** 0.5 - 5%

**Canadian Willowherb™**
(INCI: Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract) is an edible (used in tea bags) multi-functional active ingredient that contains bioactive molecules such as Oenothein B which has 5-α-reductase inhibitory activity, antioxidant and antibacterial properties. Its primary function is as a non-steroidal anti-irritant ingredient. In vitro experiments have demonstrated free radical scavenging ability. Its anti-irritant and redness reduction properties have been clinically demonstrated, showing a strong reduction of skin redness induced by chemicals or UV exposure within 30 minutes of use. Ideal for anti-acne, redness, anti-ageing, intimate care, oral care (anti-irritant/ bleeding gums), sunscreen (reduces UV-induced erythema) and baby care (nappy rash).

**Recommended use level:** 1 - 3%

**Dermofeel® BGC**
(INCI: Butylene Glycol Dicaprylate/Dicaprate) is a skin friendly neutral oil component. It has a high spreadability, low viscosity, and provides an excellent skin feel. It can be used in baby care, decorative and sun care products especially with a high SPF as it is a very good solvent for UV-filters.

**Recommended use level:** 1 – 20%

**Dermofeel® GO Soft**
(INCI: Polyglyceryl-2 Sesquioleate) is an economic W/O emulsifier (no requirement for co-emulsifier) with an excellent sensorial profile similar to what you would expect from an O/W emulsifier. It provides a very soft touch similar to that of whipped cream. Compatible with salts and Zinc Sulfate (required for the formation and stability of W/O emulsions). More suitable for conventional products, rather than natural as the maximum recommended vegetable oil level is 5%. Dermosoft® GO Soft provides a much lighter profile, which is less greasy compared to Dermofeel® PGPR.

**Recommended inclusion level:** 2 – 4%

**Dermofeel® MCT**
(INCI: Tricaprylin) is a natural non-greasing oil component with a high spreadability, low viscosity and excellent skin compatibility. It can be incorporated as oil component in natural cosmetic products due to its pleasing silicone-like skin feel and its fast absorption.

**Recommended use level:** 1 – 20%

**Dermofeel® PGPR**
(INCI: Polyglyceryl-3 Polyricinoleate) is a cost-effective PEG-free emulsifier based on vegetable raw materials. Suitable for W/O creams and lotions with a brilliant white appearance and pleasant application properties. Compatible with all kinds of cosmetic oils and commonly used active ingredients. Good in combination with Dermofeel® PO. Also suitable as co-emulsifier in O/W concepts in which the formation of a protective film on the skin is desired such as in baby, sunscreen and barrier cream products.

**Recommended inclusion level:** 4 – 6%

**Dermofeel® sensolv**
(INCI: Isoamyl Laurate). Ecocert listed, high spreading polar oil with similar sensorial properties to silicone. Reduces unwanted ‘soaping’ of creams/lotions as well as providing an elegant, non-greasy and non-oily skin feel. Natural replacement for silicones and oils such as, C12-15 Alkylbenzoate (O/W) and Miglyol 812 (W/O). Dermofeel® Sensolv helps reduce the drag and whitening effect of inorganic sunscreens such as Zinc Oxide, which is commonly used in nappy rash creams. Also suitable for BB & CC Creams as well as Bio Oil type products, rinse-off and leave-on shampoos, and conditioning sprays.

**Recommended inclusion level:** 1 – 20% and can be used in both hot and cold processes.
Homeo-Soothe™
(INCI: Ascophyllum Nodosum Extract (and) Sorbitol (and) Water). Lucas Meyer Cosmetics has developed 3 unique ingredients extracted from Algae in order to create Homeost-a-Sea™. Homeostasis comes from the Greek homoios (same, like, resembling) and stasis (to stand, posture). Homeo-Soothe™ is extracted from a Brown Seaweed well known to tolerate desiccation, important temperature variations and high saline water. Homeo-Soothe™ reduces the inflammatory response and protects the skin against deleterious consequences of environmental insults.
Recommended use level: 0.5 - 2%

HydroSal™ Natural Antiseptic
(Water, Polyvinyl Alcohol, Acrylates/C12-22 Alkyl Methacrylate Copolymer, Origamum Vulgare Leaf Extract, Thymus Vulgaris (Thyme) Extract, Cinnamomum Zeylanicum Bark Extract, Olea Europaea (Olive) Leaf Extract, Rosmarinus Officinals (Rosemary) Leaf Extract, Mentha Piperita (Peppermint) Leaf Extract, Lavandula Angustifolia (Lavender) Flower Extract, Hydrastis Canadensis (Goldenseal) Root Extract, Citrus Medica Limonum (Lemon) Peel Extract). HydroSal™ Natural Antiseptic is an encapsulation delivery system of natural oils known to have potent anti-fungal and antiseptic properties. It is an effective and natural solution to achieving long-lasting protection from microorganisms that may cause infections such as food poisoning, skin, nail and mucous membrane infections, diaper rash, as well as wound, vaginal and gastrointestinal infections. HydroSal™ Natural Antiseptic is suitable for a variety of personal care applications, such as hand sanitisers, wipes, and cleansers. It is also ideal for household and industrial applications, including surface cleaners, treatments, and sprays.
Recommended use level: 9.1%

Neutrazen™
(INCI: Water (and) Butylene Glycol (and) Dextran (and) Palmitoyl Tripeptide-8) is a true neurocosmetic specifically designed to prevent and reverse signs of neurogenic inflammation. Neutrazen™ is an innovative Tri-peptide linked to a lipid for optimal penetration and efficacy. Neutrazen™ instantly calms and soothes irritated skin and helps to maintain and restore a normal skin sensitivity threshold. Ideal for laser treatment as reduces sensitivity and diminishes pain sensation.
Recommended use level: Intensive treatment: 2.5%; Preventive treatment: 1 to 2.5%; Sensitive skin addition: 0.3 to 1%

Olifeel® E-Nat
(INCI: Olive Glycerides). Olive oil has been used throughout history for its precious cosmetic properties, as they are very close to skin lipids. Olifeel® E-Nat is an innovative and natural W/O emulsifier and emollient resulting from 100% patented green technology. The interesting sensorial profile is linked to the excellent skin feel and unique, long-lasting and nourishing activity. Olifeel® E-Nat can be used in bodycare, suncare and babycare.
Recommended usage level: 12 - 15%

PHYTOSERENE
(INCI: Phytosterols) is an extremely pure beta-sitosterol, a natural micro-nutrient plant lipid which is found in the cells and membranes of the Pine tree. Chemically, the material is very similar to the animal lipid Cholesterol. This plant sterol is however totally different in its biological function and because humans do not synthesise sterols in the body, it is necessary to replace daily losses. Phytoserine demonstrates the capacity to reduce skin redness after exposure to a chemical agent and diminish TEWL by forming a protective barrier on the skin.
Recommended use level: 0.5 – 2.5%

SalSphere™ Skin Repair
(Water, Butyrospermum Parkii (Shea Butter) Extract, Hydroxypropyl Bispalmitamide MEA, Hydroxyethyl Behenyl Alcohol, Glyceryl Stearate Citrate, Helianthus Annuus Seed Cera, Glyceryl Caprate, Tocopherol, Ascorbyl Palmitate, Helianthus Annuus Seed Oil) is a naturally-derived, easy to use O/W-emulsifier blend. Each blend component contributes to the rich texture, skin feel and the caring sensorial profile of the resulting emulsions. There is no need for further stabilisers or co-emulsifiers in the oil phase and it provides an antimicrobial boosting effect. Its exceptional performance allows to form stable emulsions within a wide range of viscosities and oil-concentrations.
Recommended use level: 5-7%
Symbio®muls WO  
(INCI: Polyglyceryl-3 Polyricinoleate, Sorbitan Sesquioleate, Cetyl Ricinoleate, Glyceryl Caprate, Cera Alba, Magnesium Stearate, Aluminium Tristearate). Based on Dermofeel® PGPR, this 100% natural (for certified natural and conventional products), PEG-free, W/O emulsifier is highly versatile and very easy to use (one pot, cold or hot process). Creams to body milk formulations can be produced with ease. For body milks we recommend combining 9 – 10% Symbio®muls with 10% Dermofeel® sensolv.  
Recommended inclusion level: 5 – 10%

Symbio®muls W/O AF  
(INCI: Polyglyceryl-3 Polyricinoleate, Sorbitan Sesquioleate, Cetyl Ricinoleate, Glyceryl Caprate, Cera Alba (Bees Wax)), Magnesium Stearate) W/O emulsifier blend with a synergistic mixture of emulsifiers, waxes and stabilisers that is free of Aluminium compounds and naturally compliant. Balanced for optimum performance and stability it can be used in hot, cold or one-pot manufacturing processes to provide a cream texture. Compatible with all cosmetic oils at a range of concentrations.  
Recommended usage level: 5 -10%

Zinclear IM® 50AB  
(INCI: Zinc Oxide, C12-15 Alkyl Benzoate, Polyhydroxystearic Acid, Isostearic Acid). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. The AB grade is suitable for mass market sunscreen and is a dispersion of 50% Zinc Oxide in C12-115 Alkyl Benzoate. Ideal for sun care, sensitive skin care, baby care and colour cosmetics.  
Recommended usage level: 15 - 50% (for SPF < 15 use 7.5 - 12.5%, SPF 15 - 25 use 15 - 20% and SPF 30+ use 40 - 50%).

Zinclear IM® 50CCT  
(INCI: Zinc Oxide, Caprylic/Capric Triglyceride, Polyhydroxystearic Acid, Glyceryl Isostearate). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. The JJ grade is suitable for natural certified suncare, sensitive skin care (including baby and children), baby care, lip balms and colour cosmetics. It is a dispersion of 55% Zinc Oxide in Natural Golden Jojoba.  
Recommended usage level: 15 - 50% (for SPF < 15 use 7.5 - 12.5%, SPF 15 - 25 use 15 - 20% and SPF 30+ use 40 - 50%).

Zinclear IM® 50JJ  
(INCI: Zinc Oxide, Simmondsia Chinensis (Jojoba) Seed Oil, Polyhydroxystearic Acid, Glyceryl Isostearate). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. The JJ grade is suitable for natural certified suncare, sensitive skin care (including baby and children), baby care, lip balms and colour cosmetics. It is a dispersion of 50% Zinc Oxide in Natural Golden Jojoba.  
Recommended usage level: 15 - 50% (for SPF < 15 use 7.5 - 12.5%, SPF 15 - 25 use 15 - 20% and SPF 30+ use 40 - 50%).

Zinclear IM® 55L7  
(INCI: Zinc Oxide, Neopentyl Glycol Dihexanoate, Glyceryl Isostearate, Polyhydroxystearic Acid, Cetyl PEG/PPG-10/1 Dimethicone). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. The L7 grade contains a higher level of Zinc Oxide and is suitable for sunscreen, sensitive skin care (including baby and children), baby care, lip balms and colour cosmetics. It is a dispersion of 55% Zinc Oxide in Neopentyl Glycol Dihexanoate.  
Recommended usage level: 15 - 50% (for SPF < 15 use 7.5 - 12.5%, SPF 15 - 25 use 15 - 20% and SPF 30+ use 40 - 50%).
Zinclear IM® XP  
(INCI: Zinc Oxide). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. The XP grade is uncoated Zinc Oxide powder, offering transparent, non-whitening and Ecocert certified protection. Suitable for suncare, sensitive skin care (including baby and children), baby care, lip balms and colour cosmetics. Recommended usage level: 15 - 50% (for SPF < 15 use 7.5 - 12.5%, SPF 15 - 25 use 15 - 20% and SPF 30+ use 20 - 25%).

Zinclear IM® XP 65COCO  
(INCI: Zinc Oxide, Coco-Caprylate/Caprate, Polyglyceryl-3 Polyricinoleate, Isostearic Acid). Zinclear IM® uses breakthrough Index-Match™ technology to provide exceptional transparency from Zinc Oxide. It offers a broad absorption profile spanning both UVA and UVB that is photostable. Zinclear can be used alone or in combination with other UV filters. Easy to use XP 65COCO is a dispersion of 65% in Coco-Caprylate/Caprate. Designed to enhance the UVA protection performance and suitable for natural certified suncare (including baby and children's), sensitive skin care, lip balms and colour cosmetics. Recommended usage level: 20 - 38% (for SPF 15-20 use 20 - 30%; SPF 20 - 40 use 30 - 35% and SPF 40+ use 35 - 38%).
Baby Bath & Shampoo

**Amolymer® H-NI**
(INCI: Aqua, Sodium Hydroxypropyl Oxidized Starch Succinate, Sodium Lactate, Urea, Glycerin, Lactic Acid, Levulinic Acid, p-Anisic Acid, Sodium Chloride) is a mild non-ionic conditioner with very low irritation potential. Improves combing and manageability of hair. Recommended for fine hair as well as sensitive skin and baby care.

*Recommended use level: 1 – 5%*

**Botanical Extracts**
(INCI: various). Ennagram offers an extensive range of finest quality botanical extracts made from plants, herbs, fruits, and seaweeds sourced from around the world. These extracts are available in a variety of formats including water/glycerine (HGL Grades), Glycerine only (GLY Grades), Hydroglycolic (Propylene Glycol/Water), water/Butylene Glycol (HB Grades), and water/Ethanol (TINC Grades). In addition, preservative free versions are available on request, as well as decolourised options where possible. All PHYTOGREEN Extracts are made using 1 kg of fresh plant (or its dry equivalent) to obtain 1 kg of extract. Diluted, cost effective versions are also available on request. For a full catalogue, please contact Infinity Ingredients directly.

*Recommended use level: Various.*

**Dermofeel® G 5 L**
(INCI: Polyglyceryl-5 Laurate) is a co-emulsifier made from natural raw materials with excellent cosmetic properties. Due to its excellent good eye and skin compatibility, its pleasant skin-feel and outstanding detergency, Dermofeel® G 5 L can be used for baby care products, facial cleansing, as well as a solubiliser for alcohol-free watery solutions (i.e. perfumes), and for natural bath oils.

*Recommended use level: 1 – 2%*

**Dermofeel® sensolv**
(INCI: Isoamyl Laurate). Ecocert listed, high spreading polar oil with similar sensorial properties to silicone. Reduces unwanted ‘soaping’ of creams/lotions as well as providing an elegant, non-greasy and non-oily skin feel. Natural replacement for silicones and oils such as, C12-15 Alkylbenzoate (O/W) and Miglyol 812 (W/O).

Dermofeel® Sensolv helps reduce the drag and whitening effect of inorganic sunscreens such as Zinc Oxide, which is commonly used in nappy rash creams. Also suitable for BB & CC Creams as well as Bio Oil type products, rinse-off and leave-on shampoos, and conditioning sprays.

*Recommended inclusion level: 1 – 20% and can be used in both hot and cold processes.*

**Olifeel® TD7525**
(INCI: Triolein, Glyceryl Dioleate) is a unique synergy of highly purified olive triglycerides and diglycerides with a soft, non-greasy touch. Benefits include higher skin penetration due to the biocompatible triglycerides, increased stability due to polar diglycerides as well as an enhanced resistance to oxidation. Highly stable and good for producing shower creams with moisturisation claims. Triglycerides remain on the skin providing a caring and moisturised effect. Does not impact on foam. Suitable for emulsions, body care, sticks, mascaras, shampoo, hair masks, colour foundation, lip gloss, sun care, wet wipes, liquid soap and bar soap.

*Recommended use level: 0.5 – 60%*

**Specifeel® EM**
(INCI: Sodium Lauroyl Sarcosinate, Sodium Cocamphoacetate, Lauryl Glucoside, Sodium Methyl Cocoyl Taurate, C12-C13 Alkyl Lactate). Specifeel® EM is ideal for formulating very mild toiletry products; resulting formulas are transparent with a pleasant creamy foam and good viscosity. Skin is less irritated, as the superficial barrier is not completely damaged during washing. Specifeel® EM is a specially formulated base that can be used immediately by a simple dilution with water (as easy as 50%-50%) to formulate instant toiletries. The use of preservatives is also reduced or even eliminated thanks to its self-preserving nature. **Recommended use level: 25 - 50%**

www.infinity-ingredients.co.uk
Baby Oil & Lotion

Avenna MP25
(INCI: Avena Sativa Meal Extract) harnesses the powerful benefits of an Oat (Avena sativa) extract containing 21 - 25% Beta-glucan, a material that has structural similarities with Hyaluronic acid. This material is widely used as a moisturiser for imparting smoothness to the skin and hair. These polysaccharides have been found to be moisturising and wound-healing ingredients, can also stimulate Collagen and Elastin production and be a powerful stimulator of the immune system. Avenna MP25 is a source of many other cosmetically beneficial components such as proteins, 17 free Amino acids, essential fatty acids, minerals and six vitamins; the material is therefore a powerful antioxidant and skin normalising ingredient.

Recommended use level: 0.5 – 10%

Dermofeel® sensolv
(INCI: Isoamyl Laurate). Ecocert listed, high spreading polar oil with similar sensorial properties to silicone. Reduces unwanted ‘soaping’ of creams/lotions as well as providing an elegant, non-greasy and non-oily skin feel. Natural replacement for silicones and oils such as, C12-15 Alkylbenzoate (O/W) and Miglyol 812 (W/O). Dermofeel® Sensolv helps reduce the drag and whitening effect of inorganic sunscreens such as, Zinc Oxide, which is commonly used in nappy rash creams. Also suitable for BB & CC Creams as well as Bio Oil type products, rinse-off and leave-on shampoos, and conditioning sprays.

Recommended inclusion level: 1 – 20% and can be used in both hot and cold processes.

Dermofeel® viscolid
(INCI: Hydrogenated Vegetable Oil). This natural oil thickener is supplied as a powder with a melting point of approx. 60°C. It is used to convert liquid oils in soft, creamy textures. The resulting product is an elegant soft oil paste that is easy to apply on the skin without smearing and dripping. It can be used in jars or with a pump dispenser. There is no influence on the sensorial profile of the oils which makes it ideal for massage oils. Dermofeel® viscolid has been tested with various oils and is compatible with plant oils as well as ester oils, mineral oil or silicones. The thickening effect is based on a delicate network of fine lipid crystals that upon contact with the skin melt and forms a liquid phase with the sensorial profile of the oil mixture used.

Recommended inclusion level: 0.5 – 5%

INKA OMEGA OIL
(INCI: Plukenetia Volubilis Seed Oil). Traditionally used to heal and relieve muscle and rheumatic pains by rubbing the oil directly onto the body. In skin care, INKA OMEGA OIL reduces the Trans Epidermal Water Loss, improves the barrier function of the skin, normalises the keratinisation process, prevents DNA damage and restores skin softness.

Recommended use level: 1 - 10%

Olifeel® Organic Oil
(INCI: Olea Europaea Fruit Oil) Olifeel® Organic Oil helps to restore the skin barrier by enhancing moisturisation through lenitive and emollient properties. In addition, it is also able to increase cutaneous permeability, acting as a vehicle to deliver active ingredients deep into the skin. The oil exhibits excellent spreadability with a rich and natural touch. Ideal for face, body, sun, hair and make-up applications.

Recommended use level: 0.5 – 50%

Olifeel® SQ
(INCI: Squalene). Highly purified Squalene. Stable against degradation and colouring, due to high purity (only available from Brasca). Squalene is a key component of the skin barrier, limiting both perspiration water loss and entrance or microorganisms, as well as providing elasticity to the skin and regulating moisture. Due to its biomimetic properties it also readily penetrates into the skin. Olifeel® SQ is a natural active ingredient that offers interesting sensorial effects (non-greasy, elegant and silky). When used in hair care Olifeel® SQ provides nourishing, conditioning and shine. Ideal for use in creams, milks, sticks, colour cosmetics, balms, liquid soap and bar soap.

Recommended use level: 1 – 5%
Olifeel® TD7525
(INCI: Triolein, Glyceryl Dioleate) is a unique synergy of highly purified olive triglycerides and diglycerides with a soft, non-greasy touch. Benefits include higher skin penetration due to the biocompatible triglycerides, increased stability due to polar diglycerides as well as an enhanced resistance to oxidation. Highly stable and good for producing shower creams with moisturisation claims. Triglycerides remain on the skin providing a caring and moisturised effect. Does not impact on foam. Suitable for emulsions, body care, sticks, mascaras, shampoo, hair masks, colour foundation, lip gloss, sun care, wet wipes, liquid soap and bar soap.
Recommended use level: 0.5 – 60%

Suprem’™ WP/ Nature
(INCI: various) is a line of vegetable milks containing 5% vegetable oil or oily macerate emulsified and stabilised with 2% Phospholipids. Due to this high lipid content, Suprem’™ are extremely rich and nutritive. Each selected oil brings to Suprem’™ specific claims depending on the properties of the plant used. For example, Suprem’™ Cotton is for baby. Available in more than 30 references among fruits, vegetables, flowers, cereals and spices, they satisfy most care applications. Tailor-made versions available upon request. Suprem’™ WP is paraben free and Suprem’™ Nature complies with the Ecocert standards.
Recommended use level: 0.5 - 5%
Baby Wipes

Avenna MP25
(INCI: Avena Sativa Meal Extract) harnesses the powerful benefits of an Oat (Avena sativa) extract containing 21 - 25% Beta-glucan, a material that has structural similarities with Hyaluronic acid. This material is widely used as a moisturiser for imparting smoothness to the skin and hair. These polysaccharides have been found to be moisturising and wound-healing ingredients, can also stimulate Collagen and Elastin production and be a powerful stimulator of the immune system. Avenna MP25 is a source of many other cosmetically beneficial components such as proteins, 17 free Amino acids, essential fatty acids, minerals and six vitamins: the material is therefore a powerful antioxidant and skin and hair normalising ingredient.

Recommended use level: 0.5 – 10%

Canadian Willowherb™
(INCI: Water (and) Epilobium Angustifolium Flower/Leaf/Stem Extract) is an edible (used in tea bags) multi-functional active ingredient that contains bioactive molecules such as Oenothein B which has 5α-reductase inhibitory activity, anti-oxidant and anti-bacterial properties. Its primary function is as a non-steroidal anti-irritant ingredient. In vitro experiments have demonstrated free radical scavenging ability. In addition, Canadian Willowherb™ has been clinically demonstrated to show a strong reduction in skin redness induced by chemicals or UV exposure within 30 minutes of use. Ideal for anti-acne, redness, anti-ageing, intimate care, oral care (anti-irritant/ bleeding gums), suncare (reduces UV-induced erythema) and baby care (nappy rash).

Recommended use level: 1 - 3%

Dermofeel® Easymuls plus
(INCI: Sunflower Fatty Acids Polyglyceryl-3 Esters, Heliannuus (Sunflower) Seed Oil). A powerful O/W emulsifier for low viscosity and sprayable concepts. A single ingredient emulsifier that is cold-processable and effective at low dosage, without any co-emulsifier. Based on sunflower oil, it is suitable for palm oil free and vegan formulations.

Recommended use level: 1 – 4% (as main emulsifier) and 0.5 - 1% (as co-emulsifier)

Dermofeel® G 10 L
(INCI: Polyglyceryl-10 Laurate) is a co-emulsifier made from natural raw materials with excellent cosmetic properties (see also Dermofeel® G 10 LW for a 50% watery solution). Because of its excellent eye and skin compatibility, its pleasant skin-feel and its outstanding detergence, Dermofeel® G 10 L can be used for baby care products and face cleansing, as well as a co-emulsifier for low-viscosity O/W emulsions and roll-on emulsions.

Recommended use level: 0.5 – 1%

Dermofeel® G 10 LW
(INCI: Polyglyceryl-10 Laurate, water) is a co-emulsifier made from natural raw materials in form of a 50% watery solution. Due to its excellent eye and skin compatibility, its pleasant skin-feel and outstanding detergence, Dermofeel® G 10 LW can be used for baby care products, face cleansing, as well as a co-emulsifier for low-viscosity O/W emulsions and roll-on emulsions.

Recommended use level: 1 – 2%

ENNACOMPLEX 234
(INCI: Aqua, Propylene Glycol, Calendula Officinalis Flower Extract, Chamomilla Recutita Flower Extract, Daucus Carota Root Extract) is a botanical complex intended to formulate softening, nourishing, moisturising and purifying preparations for the care of the delicate baby skin. ENNACOMPLEX 234 is a blend of Carrot root, Calendula flower, and Chamomile flower extracts which work together to calm, soothe and normalise delicate baby skin.

Recommended inclusion level: 1 – 7%
Olifeel® SQ
(INCI: Squalene). Highly purified Squalene. Stable against degradation and colouring, due to high purity (only available from Brasca). Squalene is a key component of the skin barrier, limiting both perspiration water loss and entrance or microorganisms, as well as providing elasticity to the skin and regulating moisture. Due to its biomimetic properties it also readily penetrates into the skin. Olifeel® SQ is a natural active ingredient that offers interesting sensorial effects (non-greasy, elegant and silky). When used in hair care Olifeel® SQ provides nourishing, conditioning and shine. Ideal for use in creams, milks, sticks, colour cosmetics, balms, liquid soap and bar soap.
Recommended use level: 1 – 5%

Olifeel® TD7525
(INCI: Triolein, Glyceryl Dioleate) is a unique synergy of highly purified olive triglycerides and diglycerides with a soft, non-greasy touch. Benefits include higher skin penetration due to the biocompatible triglycerides, increased stability due to polar diglycerides as well as an enhanced resistance to oxidation. Highly stable and good for producing shower creams with moisturisation claims. Triglycerides remain on the skin providing a caring and moisturised effect. Does not impact on foam. Suitable for emulsions, body care, sticks, mascaras, shampoo, hair masks, colour foundation, lip gloss, sun care, wet wipes, liquid soap and bar soap.
Recommended use level: 0.5 – 60%
**Preservation**

**Dermorganics® 1388**
(INCI: Glycerin; Aqua; Sodium levulinate; Sodium anisate). The product’s active principle is a blend of compounds found in many plants in nature. In combination with plant derived organic certified glycerol contained in this skin friendly mixture a moisturising effect can be created. The delicate scent of Dermorganics® 1388 will help to mask undesired odours of raw materials without interfering with other fragrances. The gently acidic ingredients will improve the natural acidic environment of the skin. Finally, the outstanding antimicrobial activity of Dermorganics® 1388 can convert most cosmetic formulations in self-preserving products with no further need for traditional preservatives.

Recommended use level: 2 – 4%

**Dermosoft® 1388**
(INCI: Glycerin; Aqua; Sodium levulinate; Sodium anisate) is a convenient blend of organic acids with broad antimicrobial activity and pH dependent efficacy. Combination with antimicrobial surface active agent (e.g. Dermosoft® Octiol or Dermosoft® GMCY) is recommended to improve the performance of the product in emulsions. In surfactant based products it can be used alone. Dermosoft® 1388 is a combination of fragrances from Petrochemical and naturally derived origins with a mild inherent odour and bio-stabilising properties. It is useful for stabilising surfactant products as well as emulsions and can be used in cold processing. Eco version (Dermosoft® 1388 Eco) is available, which is derived from natural origin.

Recommended use level: 2 – 4%

**Dermosoft® MCA Variante**
(INCI: Caprylyl Glycol, Dipropylene Glycol, Glyceryl Caprylate) is a blend with excellent, broad spectrum antimicrobial properties for perfume-free and fragrance-free product concepts. Easy handling with low use concentration.

Recommended usage level: 0.5% – 1.0%

**Dermosoft® OMP**
(INCI: Methylpropanediol, Caprylyl Glycol, Phenylpropanol) is a combination of alcohols to improve the spreadability of ingredients in cosmetics and to regulate the viscosity of transparent products, i.e. tonics, gels, or solutions for wet wipes. Its indefinite pH-stability, its moisturising effect and its antimicrobial spectrum make Dermosoft® OMP ideal to replace traditional preservatives.

Recommended use level: 2.5 – 4%
Interested?
Then please call one of our team for more information...

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