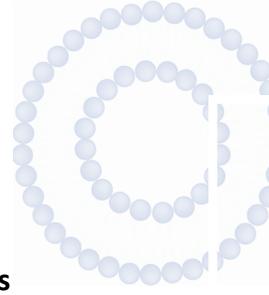


actives

dermaviduals®
 a breakthrough in skincare
 pioneers of emulsifier free with liposome technology

Skin Essentials

- Vitamin C
- Evening primrose
- Linseed oil
- Liposome Vitamin B
- Vitamin A nanoparticles
- Hyaluronic acid concentrate Liposomes

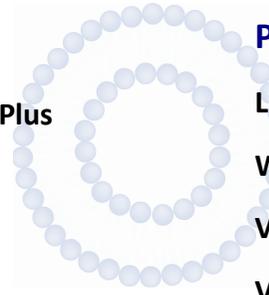


Pre Ageing

- Hyaluronic acid concentrate
- CM glucan complex
- D- panthenol
- Vitamin E nanoparticles
- Green tea
- Kigleia

Rosacea

- Vitamin A
- Liposome Concentrate Plus
- Butchers broom serum
- Aloe Vera
- Kigleia
- Linseed



Pigmentation

- Liposome concentrate Plus
- Whitening concentrate
- Vitamin A
- Vitamin C
- Boswellia
- Complexion Skin Care Liposome

Acne

- Vitamin A
- Liposome Concentrate Plus
- Evening Primrose
- Vitamin B
- Linseed
- Kigellia



Ageing

- Boswellia nanoparticles
- Co enzyme Q 10 nanoparticles
- Kiwi Oil Nanoparticle
- Liposome NMF complex
- Phytohormone liposomes
- Anti wrinkle serum

Zinc

Liposomes/Water

- ◆ Anti wrinkle serum
- ◆ Liposome concentrate Plus
- ◆ Liposome NMF complex
- ◆ Liposome Vitamin B
- ◆ Phytohormone liposomes
- ◆ Vitamin C liposomes concentrate
- ◆ Whitening concentrate
- ◆ Hyaluronic acid concentrate
- ◆ Liposomes
- ◆ Caffeine Liposomes
- ◆ Kigelia Liposome Concentrate
- ◆ Zinc
- ◆ Complexion Skin Care Liposome

Nanoparticles /Oil

- ◆ Boswellia nanoparticles
- ◆ Butchers broom serum
- ◆ Co enzyme Q 10 nanoparticles
- ◆ Evening primrose oil nanoparticles
- ◆ Linseed oil nanoparticles
- ◆ Vitamin A nanoparticles
- ◆ Vitamin E nanoparticles
- ◆ Kiwi Oil Nanoparticle

Mono Substances/Water

- ◆ CM– glucan complex
- ◆ Hyaluronic acid concentrate
- ◆ D– panthenol
- ◆ Extracts /Oil
- ◆ Aloe Vera
- ◆ Echinacea
- ◆ Green tea
- ◆ Hamamelis

D-panthenol mono substances

Main ingredient-Provitamin B5 (panthenol)

What it does - Increase and regulates hydration capacity of skin, supports Regeneration, stimulates cell formation, smoothening effect

For Who - Rough skin, Cracked skin

Panthenol is a provitamin of the vitamin B complex. It increases and regulates skin hydration by improving the hydration capacity (moisturizer) and supports the regeneration of the skin and specifically, the cell formation. Panthenol has a smoothing effect on the skin. After application B5 panthenol converts to pantothenic acid B complex promoting normal keratinisation and wound healing . Ideal for sunburn itching ,mild eczema and dermatitis.

D-Panthenol increases the skin hydration, has smoothing effects and increases the cell proliferation rate which means that it supports the healing process. It has antipruritic and antibacterial effects. We have used this in a leave in hair conditioner.

NOTES

CM Glucan Complex mono substances

Main ingredient - Sodium Carboxymethyl Betaglucan (made from Yeast)

What it does - Protects skin against bacterial infections, accelerate healing.

For Who -After laser, before and after being in the sun as it's slightly photo- protective against UV-rays, sensitive skin

CM-Glucan: Glucans generally are biopolymers of the glucose.. CM-glucan is a specific glucan which is gained from the cell walls of baker's yeast and then modified in a chemical process (carboxymethylation). As a result, the polysaccharide can form water-soluble sodium salts (INCI: Sodium Carboxymethyl Betaglucan). CM-glucan has skin-protecting and tightening features. It is an appropriate substance for the sensitive skin as it provides basic protection against UVA radiation. It is used for the skin care after peeling and laser treatments, after shaving as well as an additive for body lotions. Can be known to help dry skin and excema due to the yeast.

We use this after a 1 mm needling treatment .

Hyaluronic Acid Concentrate mono substances

Main ingredient -Sodium Hyaluronate

What it does - Moisturizes, plays an important role in skins natural physiology

For Who — Dehydrated skin, Atrophic skin, around the eyes

Hyaluronic acid combines with the keratin of the skin via hydrogen bridges in a way that the evaporating water leaves a light tension on the skin which can spirit away minor wrinkles. An additional effect is a slight plumping on the wrinkle basis. Hence hyaluronic acid is an integral part of anti-aging products. Water binding as well as plumping effect is taken advantage of for the anti-wrinkle injection and lip enlargement.

Green Tea Extract

Main ingredient - Camelia Sinensis Extract

What it does - Astringent, anti-inflammatory and antimicrobial antioxidant. Studies have shown that Green tea and Led work together effectively as an anti ageing . Apply on to clean skin prior use of Led.

<http://www.sciencedaily.com/releases/2009/09/090909103013.htm>

Green Tea Extract (Camellia sinensis L.) is a powerful antioxidant due to its catechin content, mopping up and neutralizing free-radicals that become stimulated by UV light and attack the skin's cells, causing cellular damage, such as wrinkles and abnormal cell development. It is also known to be skin firming (due to its tannins content), anti-bacterial, anti-inflammatory and a stimulant (due to its caffeine content).

For Who—Mature, irritated skins with tendency to develop blemishes pre sun serum.

Hamamelis Extract

Main ingredients - Hamamelis Virginia Extract (witch hazel)

What it does - Healing, mildly astringent/stimulating and calming

For Who - Cracked, stressed and sensitive skins

Hamamelis extract contains flavonoids, essential oils, gallic acid and different astringent agents (hamelitannin and ellagatannin) which have antiinflammatory as well as mildly astringent effects in cases of cracked skin. The complex has a soothing effect and supports the healing of superficial skin irritations. Can ease the tightness in skin healing.

Echinacea Extract

Main ingredient - Echinacea Purpurea Echinacea extract contains Echinacea, essential oils and resins as well as several polysaccharides

What it does - Supports healing of minor skin injuries, sunburns and couperosis, the extract acts as an anti-microbial

For Who - Sensitive as well as oily skin which is prone to blemishes Echinacea helps against sun burn. Can ease Rosacea skins

Can treat minor reddening to a distinct sunburn can be combined with D-panthenol, which both quickly show positive results. Do add a liposomal concentrate due to the phosphatidylcholine as it has additional anti-inflammatory effects because of the linoleic acid and choline contents.

Vitamin A Nanoparticles

Main ingredient - Retinyl Palmitate (Vit A 6000 iug)

What it does - Stimulates collagen formation, promotes regeneration, balance sebum production, promotes cell turnover

For Who -All skin

The vitamin for skin can be as much protection as an SPF 20 from UVA.

Vitamin E Nanoparticles

Main ingredient - Tocopheryl Acetate (Vit E)

What it does - Protects skin from free radical, reduce damaging effects of UV-rays, supports cell formation, increases skin hydration

For Who -Normal to Dry skin is used in products to protect against lipid peroxidation. Vitamin C A are required to reactivate Vitamin E back to its active form .

Antioxidative effects and radical scavenger features - in this context it is important to select the appropriate concentration as high concentrations will trigger the pro-oxidative features of vitamin E.

Protection of vitamin A and derivatives in combination with vitamin C.
The radical scavenger features also naturally involve a reduction of the stress caused by UV radiation. The same applies to inflammatory processes.

Stimulation of cell formation (epithelisation)

The moisture retention capacity of the skin is improved.

Linseed Oil Nanoparticles

Main ingredient - Linum Usitatissimum (Linseed oil) rich in A-linoleic acid.

Omega 3 . The triply unsaturated α -linolenic acid (51.9-55.2%),
The saturated acids [palmitic acid](#) (about 7%) and [stearic acid](#) (3.4-4.6%),
The monounsaturated [oleic acid](#) (18.5-22.6%),
The doubly unsaturated [linoleic acid](#) (14.2-17%).

What it does - Calms down reddened and sun-damaged skin, anti-inflammatory

For Who - Reddened skin eczema acne dry mature skins

Higher unsaturated oils like sunflower, soybean, safflower and wheat germ oils release linoleic acid e.g. which prevents scaly skin as it is integrated into the barrier substance ceramide I. Gamma linolenic acid (evening primrose oil, borage oil) has anti-inflammatory and anti-pruritic effects and thus is used in topical preparations for the treatment of dehydrated and atopic skin conditions. The active agent effects of these oils may still be increased by applying them encapsulated in nanoparticles which augment their penetration into the skin.

Kiwi Seed Oil Nanoparticle

Main Ingredient— *Actinidia chinensis*

Omega 3 A-linoleic acid This has 61% omega 3 well as being a rich source of **Vitamin C** and **Vitamin E**. is quickly absorbed by the skin. It is the highest concentration among all the popular fatty oils. Yet, the minimum shelf life of the dispersion is 24 months which is quite a long time in comparison with other unsaturated oils. .
Applied on the skin surface, omega-3 fatty acids are characterized by their high anti-inflammatory potential. Hence, kiwi seed oil is used for the soothing but also for the daily and preventive care of the reddened and irritated skin dry skins.

You may ask when do I need Linseed over Kiwi . In our experience Kiwi is to use for extreme inflammatory response . Linseed is ideal for skin lipid dry combine with evening primrose. If you are not sure we advise to give a small sample of each and see what one works the best. You can not go wrong with either .

Zinc Main ingredient Zinc Sulfate

What it does Zinc can temper this inflammatory response and reduce the effect bacteria have on the skin. Zinc reduces keratinocyte activation. Too much keratin prevents cells from separating and leads to blocked pores, as is the case in acne. By reducing keratin zinc helps to keep skin pores open. Zinc reduces the effect hormones have on the skin. By reducing the amount of oil (sebum) the skin produces as well as having antibacterial effects on P acnes

For Who: Acne Congested Problem Skins

Complexion Skincare

Main ingredient - A combination of amino acids Tranexamic Acid

What it does - to aid in treating pigmentation, post inflammatory pigmentation ,smoothen out skin roughness and overall, restore a flawless complexion.
Main Function: Whitening and preventing pigmentation Reduce or remove the pigmentation of skin Prevent and/or treat pigmentations such as chloasmas, freckles, sunburn, dark skin and melanoderma caused by a drug such as steroids. It also minimises dark spot areas due to sun exposure. As well as: Anti-inflammation Act on the chronic mild inflammatory condition at the sites of spots, to suppress melanocyte activation. Inhibit or improve skin roughness Restore damaged skin caused by UVA/UVB, pollution or other environmental factors. Functions of Complexion Liposomes • Block melanin formation path induced by ultraviolet rays • Prevent melanin accumulation • Decreases melanocyte tyrosinase activity by preventing the binding of plasminogen to the keratinocytes, which results in reduction of prostaglandins and arachidonic acid, which are inflammatory mediators involved in melanogenesis. • Synergistic effects with other whitening ingredients

For who - Any one with any type of pigmentation problems

Anti-Wrinkle serum (Liposomes)

Main ingredient - Liposome-containing para cress extract with amino acids
Para cress contains spilanthal

What it does -Spilanthol reduces the muscle contractions of the mimic facial lines, and its relaxing influence causes a visible smoothing effect.

For Who—Mature, for a lifted effect on the skin and people that frown a lot or have many expression lines.

Liposome Concentrate Plus

Main ingredient - Azelaic Acid

What it does - An all rounder ; Acts on a inflammatory skin disorders ,effective on preventing cornification. Can improve black heads and congested skins. Is an known tyrosinase inhibitor, has excellent antibacterial ability.

For Who -Acne grade 1-3 Rosacea Pigmentation

Trade names that contain Azelaic Acid ; **Finacea Gel** ; Rosacea,

Skinoren : Acne

Caffeine Liposomes

Main ingredient - Caffeine

What it does - skin care for stimulation of microcirculation tired skins and for the body in a cellulite cream.

For Who - A very popular use for caffeine is to help with problems around the eyes, such as dark circles and puffiness. The caffeine decreases swelling and puffiness in the skin.

Caffeine as an antioxidant – oxidation is a process that causes a lot of problems for the skin, oxidation is a process that causes skin cancers to come out, so caffeine as a skin care ingredient acts as an anti-oxidant – very useful.

Caffeine as an anti-inflammatory

When inflammation happens we see colour changes, and redness develop and therefore caffeine as an anti-inflammatory is a great use for the skin

Butchers Broom Serum (Nanoparticles)

Main ingredient -Ruscus Aculeatus Root

What it does -Stabilizes superficial blood vessels, good for reddened/swollen skin It strengthens the vessels and smoothes the area

For Who -Skin prone to redness e.g. Rosacea. Good to combine with Liposome Concentrate

Plus as activity and size of sebaceous glands are stabilized, or with Echinacea extract for skin prone to telangiectasia

Butcher's broom extract contains the saponines ruscin, ruscogenin and neo-ruscogenin, as well as the alkaloid spartein. Just like vitamin K that is no longer permitted in cosmetic products, the extract stabilizes the superficial blood vessels. Thus it is the appropriate care for reddened and swollen skin, even in the eye area. It strengthens the vessels and soothes the tissue.

Evening Primrose Oil Nanoparticles

Main ingredient - Oenothera Biennis (Evening Primrose) rich in Gamma Linoleic Acid omega 6

What it does - Regulates TEWL to increase skin hydration, anti infamatory . Will help with acne and congestion.

For Who - Barrier disordered skin ,eczema acne ,problem skins

Evening primrose . Disruption of the skin barrier function caused by epidermal hyper-proliferation, results in the skin becoming dry and showing high transepidermal water loss (TEWL). Gamma linolenic acid (GLA) is reportedly efficacious for treating TEWL and epidermal hyper-proliferation. In this study, to elucidate the effect of GLA-rich oil on skin function,

Conezyme Q10 Nanoparticles

Main Ingredient - Ubiquinone (Q10) anti oxidant

What it does - Adds protection and improves the effect of other vitamins in the skin as well as the antioxidative effect in the skin

For Who -Mature, elderly skin

Nanoparticles stabilize the coenzyme Q10 and optimally transport the active agent into the horny layer. Coenzyme Q10 is specifically used in skin care products for the mature skin in combination with the vitamins A and E. It improves the effects of these vitamins as well as the antioxidative capacity of the epidermis. .

What can CoQ10 do for your skin? Theoretically speaking, CoQ10 (in a skin cream, for example) can be helpful. In most people over thirty, levels of CoQ10 in the skin are below optimum, resulting in lesser ability to produce collagen, elastin and other important skin molecules. Besides, CoQ10-depleted skin may be more prone to the damage by free radicals, which are particularly abundant in the skin since it is exposed to the elements. Thus, CoQ10 may boost skin repair and regeneration and reduce free radical damage. Furthermore, CoQ10 is a small molecule that can relatively easily penetrate into skin cells.

Boswellia Nanoparticles

Main ingredients - Boswellia Sacra Extract/ Frankincense

What it does - Frankincense extract inhibits the expression of metalloproteinases, which induce the degradation of collagen. Metalloproteinases are activated when the skin is strongly stressed by UV radiation. Furthermore boswellia inhibits the 5-lipoxygenase, a key enzyme of inflammation processes. Frankincense encapsulated in nanoparticles is not only used for antiaging skin care, but also for accompanying care of inflamed skin disorders and especially actinic keratoses. Phytosterols ("unsaponifiables") from avocado oil extract support the care of barrier disordered skin.

For Who -Mature skin, inflamed skin and barrier disordered skin inhibit the hypercornification process involved with actinic keratosis and psoriasis. after a two week's application a considerable reduction of the inflammatory skin conditions in cases of neurodermatitis and actinic keratoses could be observed and cornification disorders have been reduced. infrared activation clearly accelerated the effect. It is assumed that this accelerated effect is caused by both direct activation of the boswellia triterpenes via energy absorption and an improved penetrability of the skin through fluidizing the lipid bilayer of the stratum corneum.

Liposome NMF Complex

Main ingredient - Serine, is an amino acid

What it does - Moisturising, increases water absorption capacity of the skin.

For Who - Dry to Normal skin

L-serine helps build the phospholipids required to produce cells in the body .Serine is also a constituent of phospholipids that help seal in moisture.

Vitamin B Liposome

Main ingredient - . Aqueous biodegradable liposomal dispersion on phosphatidylcholine (lecithin) basis enriched with vitamin B1 (thiamine), B3 (niacinamide), B5 (pantothenic acid), B6 (pyridoxine) and B7 (biotin).

What it does - Anti inflammatory balances hormonal changes

For who - For care of problem and blemished skin supports skin regeneration. Works wonders on acne skins and post acne to heal marks.Skin health and rejuvenation

Whitening Concentrate (liposomes)

Main ingredients - Malva Sylvestris Extract, Mentha Piperita Extract, Primula Veris, Alchemilla Vulgaris, Veronica Officinalis, Melissa Officinalis, Achillea Millefolium (gigawhite)

What it does - Prevents hyperpigmentation by inhibiting tyrosinase and thus the formation of melanin

For Who - Hyper pigmented skin, for best results combine with Vitamin C & Phytohormone

Even an additional treatment with CM-Glucan (photoprotective) and butcher's broom serum (against skin redness) may be useful.

Vitamin C Liposome Concentrate

Main ingredient -

What it does - Vitamin C is specifically used for vitamin creams in combination with the vitamins A and E. It increases the effects of the other vitamins and protects the skin against free radicals. The free Vitamin C is released by enzymes and supports the formation of collagen.

For Who -All Skins

Phytohormone Liposomes

Main ingredient - Red Clover (Trifolium Pratense)

What it does - Mimics effects of endogenous oestrogen to relieve menopausal skin, Stimulates collagen synthesis and slows down collagen degradation, can assist with hormonal acne, can inhibit formation of melanin

For Who -Mature skin, hormonal spots, age spots

Red clover isoflavones hence bind to the estradiol receptors and influence a multitude of complex enzymatic processes connected with estrogens. This effect can also be observed with applications on the skin, as e.g. estrogen deficiencies can be compensated, both the collagen synthesis and cell formation are stimulated and the collagen reduction will be slowed down. A further study with soybean extracts shows that a testosterone induced activity of sebum glands can be adjusted to normal function which led to the conclusion that cases of oily skin related to increased testosterone level and acne cases can also be treated with soybean isoflavones. The whitening effect of phytoestrogens can also be assigned to the polyphenol structure. A lot of these compounds inhibit the enzymatic formation of melanin which means that they can also be preventively used against hyperpigmentation and age spots. A selection of other substances like vitamin C and specific vegetable extracts in liposomal encapsulation are a lot more effective though.

Hyaluronic acid liposomes plus

Main Ingredient— Hyaluronic acid

What it does— This is an effective **moisturizer** and **anti-wrinkle agent**. Highly dosed in liposomal dispersion the effectiveness is raised to higher power on **mature, elder and atrophic skin**. Especially in winter, **at low air humidity** the combination of the high-molecular polysaccharide and the natural carrier of essential fatty acids has proved as state of the art for the **eye skin care**. The dosage of the hyaluronic acid is 2,5 fold of the non liposomal "Hyaluronic acid concentrate".

For Who Tried, sun damaged winter skins. This liposome is more expensive than the others but it is well worth the extra pennies. It is wonderful neat on the skin or mixed in with a cream. It makes this The Hyaluronic to use. When used in a cream or serum it gives the cream a satin silky feel.

Kigelia Liposome A first aid in a bottle.

What it does Anti-ageing and regenerating skin care products.

- After-sun formulations.
 - Skin tightening
 - Anti-inflammatory preparations
 - Antioxidant agents
 - Anti-melanoma and after-sun applications
- Anti-inflammatory agent – Extracts of Kigelia have been shown to be more effective than reduction of damage from prolonged exposure to sunlight slowing the over production of skin cells which cause irritations including psoriasis and eczema provision of an anti-bacterial/anti-fungal effect against micro-organisms strong antioxidants reduce lines and leave skin toned and vibrant promotion of skin elasticity, creating a firmer, smoother complexion effective relief from inflammation and irritation. Research undertaken at the Frieberg Institute of Cancer Research and Kings College, London, has indicated positive results with cancerous sun spots. Kigelia is gaining international medical recognition as a potential cure for basal-cell carcinoma, a form of skin cancer associated with aging and prolonged sun exposure.