

LIST OF INGREDIENTS

A

	Alcohol	<ul style="list-style-type: none"> cleansing, disinfecting and astringent effect degreasing and preserving
	Algae	<ul style="list-style-type: none"> high concentrations and balanced formulations of proteins; algae contain 10 of a total of 17 essential amino acids high in minerals, trace elements, vitamins and calcium draining, cleansing and anti-inflammatory effect on skin moisturize skin support circulation stimulate regenerative properties and cell metabolism of skin prevent premature skin-aging strengthen the natural body defence system support weight loss and reduction of fat depots specially recommended for cosmetic treatment of cellulites
	Algae extract	see algae
	Algin	<ul style="list-style-type: none"> polysaccharides extracted from brown alga gel forming features thickening agent
	Alginate (sodium alginate)	<ul style="list-style-type: none"> salt of algin acid plant-based, compatible binding and thickening agent mainly contained in brown algae
	Allantoin	<ul style="list-style-type: none"> stimulates cell regeneration and accelerates epithelization supports wound healing protects and nourishes stressed, rough skin soothing and healing of eczemas, contact dermatitis and hyperkeratosis
	Almond oil (prunus dulcis)	<ul style="list-style-type: none"> one of the best and mildest base oils in cosmetics with distinctive skin care effect rich in minerals, unsaturated fatty acids, vitamin A, B and E easily absorbed by kin soothing, nourishing and firming

Aloe vera
(aloe barbadensis)

- complex formulated ingredient concentrate and century-old, natural skin care
- high in enzymes, vitamins, mineral nutrients, mono and polysaccharides as well as amino acids
- stimulates cell growth and supports self-healing properties of skin
- soothes irritated skin
- moisturizes skin and has a balancing effect on moisture level of skin in deeper layers
- firming effect
- natural sun protection factor
- great for after sun burn

Alpha-bisabol

- see bisabol

Aluminium zirconium hydroxochlorid

- antiperspirant agent

Amino acids - ingredient group

- e.g. glutamic acid, aspartic acid, alanine, glycine
- components of proteins
- antibiotic action
- anti-inflammatory and soothing effect
- moisture-binding properties
- balance the acid mantle

Arbutin

- extracted from bearberry leaves
- high in tanning agents
- lightening action
- prevents discharge of melanin and therefore new pigment formation

Ascorbic acid

see vitamin C

Asebiol® BT 2*
(name by the manufacturer – hydrolizes yeast, protein, pyrdoxine HCl, niacinamid, glycerine, panthenol, propylene glucol, allantoin, biotin)

- biotechnologically extracted sebum regulator complex composed of: amino acids + peptides, allantoin + vitamin B (pyridoxine, nizinamid, biotin, provitamin B 5)
- balancing effect on sebum production
- regulates activity of 5 α reductase, reducing sebum production
- skin clearing, astringent and matifying agent

ASC III*
(name of manufacturer – aqua, lecithin, dipalmitoyl hydroxyproline, phenoxyethanol, tall oil sterol, linoleic acid, tocopherol, sodium ascorbate, methylparaben, ethylparaben, propylparaben, mannitol)

- ASC III is an ingredient complex based on scientific proofs, supporting the formation of collagen III
- collagen III makes up 50 % of the collagen in foetal and postnatal skin
- as our skin reduces its ability to form collagen III with aging, the concentration of it decreases with the years – adults only have approx. 15 % collagen III
- collagen III is defined as “restructuring collagen” and plays an important role in wound healing and young appearance of skin
- ASC III is a skin care ingredient, which directly stimulates and strengthens the bio synthesis of collagen III
- ASC III ingredient complex is induced in the skin through liposome

<p>Alpha-bisabolol</p>	<ul style="list-style-type: none"> • the biomechanical properties of the skin are activated, i.e., the flexibility and elasticity of the skin improves • the skin becomes thicker, more firm and looks younger
<p>Asian hydrocotylidis herba – jixue cao – tigergrass (centella asiatica)</p>	<ul style="list-style-type: none"> • very good healing properties, specially for irritated eczema skin • strengthens capillary vessels, moisturizing and increases moisture binding capacity • the skin looks soft and elastic
<p>Avocado oil (persea gratissima)</p>	<ul style="list-style-type: none"> • high quality plant oil with distinctive skin care action • rich in unsaturated, essential fatty acids (oleic, linoleic acid, linolenic acid), lecithin, vitamin A, E, provitamin D, B1, B2 and mineral nutrients • nourishes and revitalizes tired skin • smoothing and softening effect on skin, maintains skin moisture level • similar to the even more potent shea butter
<p>Bacopa monniera extract</p>	<ul style="list-style-type: none"> • extracted from the plant bacopa monniera from India and Pakistan • soothes skin irritations • protects skin from free radicals and oxidizing substances
<p>Bamboo extract (bambusoidea)</p>	<ul style="list-style-type: none"> • applied as micro peeling with gently scouring features • protects skin from free radicals and oxidizing substances
<p>Banana extract</p>	<ul style="list-style-type: none"> • vitalizing • nourishing and protecting • antioxidant
<p>Beeswax (cera alba)</p>	<ul style="list-style-type: none"> • valuable base for creams and emulsions • nourishing for a smooth and soft look
<p>Beta glucan</p>	<ul style="list-style-type: none"> • ingredient extract composed of yeast; part of the big substance group of polysaccharides • activates the langerhans cells present in the epidermis by reacting with their β-glucan receptors – a chain of immune and repair functions is thus activated, acting locally and systemic • its immune-mitogen properties strengthen the skin's resistance • balances irritated skin and stimulates self-healing features • supports collagen synthesis and therefore prevents wrinkle appearance • forms a light protective mantle on skin, reducing transepidermal water loss and skin roughness • protects against UV damage • perfect ingredient for highly sensitive, allergic skin; β-glucan also acts as emulsifier and has a preserving effect

B

Bio activator ATP (adenosin triphospat)	<ul style="list-style-type: none"> • enzymatic bio activator – pure cell energy • energy carrier and storage
Bio peptides (palmitoyl oligopeptide)	<ul style="list-style-type: none"> • biologically extracted peptides • stimulating effect on cell respiration and growth, supporting regeneration process of skin • sebum regulating features • highly nourishing, firming and tonifying
Biotechnical enzymes	<ul style="list-style-type: none"> • laboratory manufactured enzymes • catalyst for certain processes • important for many metabolism processes • strengthen natural revitalization processes
Biotin	see vitamin H
Bio-sulfur	<ul style="list-style-type: none"> • disinfecting, keratolyzing and sebum regulating features • applied for impure skin and against dandruff
Birch tree juice	<ul style="list-style-type: none"> • leaves of birch tree contain essential oils, tanning agents and diuretic substances • balancing, purifying and cleansing effect on skin
Bisabolol	<ul style="list-style-type: none"> • ingredient of camomile • soothes sensitive and irritated skin • antibacterial and anti-mycotic activity • supports cell regeneration
Blood orange oil	<ul style="list-style-type: none"> • vitalizing • stimulating • freshens complexion
Brazil nut oil (bertholletia excelsa)	<ul style="list-style-type: none"> • from the seeds of the brazil nut tree • rich in vitamins and mineral nutrients • leaves the skin with a soft and smooth feel
Butcher's broom	<ul style="list-style-type: none"> • strengthens veins • for couperose
BX argireline®	<ul style="list-style-type: none"> • anti-aging peptide; manufactured synthetically • effect ingredient • argireline® corresponds to the inoperative, n-terminus end of a body's own peptide and is capable of partly displacing the snare complex, that plays an important role in neurotransmission • this will result in muscle relaxation when applied on a regular basis, therefore reducing fine age wrinkles



<p>Caffeine</p>	<ul style="list-style-type: none"> • stimulates blood circulation and metabolism • firming and purifying features – applied as anti-cellulites ingredient
<p>Cajeput oil (malaleuca leucadendra)</p>	<ul style="list-style-type: none"> • extraction: water vapour distillation (from 100 kg of leaves and small branch ends, 1 kg of essential oil is gained) • antiseptic, anti-convulsant, pain soothing • fragrance: fresh, vitalizing, eucalyptus-like • due to its blood circulation increase and pain soothing features, it can be applied against aching muscles and tensions
<p>Camomile (chamomilla recutia)</p>	<ul style="list-style-type: none"> • the ingredients of camomile have a soothing and anti-inflammatory action • important ingredients are azulene and bisabolol
<p>Camphor</p>	<ul style="list-style-type: none"> • soothes strained and irritated skin, alleviates itchiness • heats body areas under treatment • skin is tightened
<p>Calcium (calcium carbonate, calcium chloride)</p>	<ul style="list-style-type: none"> • vital component • important in transmitting signals within cells and regulating biochemical processes • important for cell cohesion and cell division • reduces capillary permeability • important mineral nutrient with anti-irritating and anti-inflammatory action
<p>Calendula (marigold)</p>	<ul style="list-style-type: none"> • skin soothing • regenerating • supports healing processes
<p>Camphor (campher)</p>	<ul style="list-style-type: none"> • disinfecting and refreshing • antiseptic • anti-inflammatory • deodorant
<p>Carnauba wax (wax of carnauba palm tree)</p>	<ul style="list-style-type: none"> • nourishing and protecting • creates texture • firming and moisturizing effect
<p>Carnitine</p>	<ul style="list-style-type: none"> • derivate of lysine amino acid • essential in lipid metabolism – requisite for lipid catabolism in cell • supports lipolysis
<p>Carob bean (ceratonia siliqua)</p>	<ul style="list-style-type: none"> • moisturizing and firming effect • forms a thin, easily permeable film on skin
<p>Carrot extract (daucus carota)</p>	<ul style="list-style-type: none"> • skin care to normalize horny layer • improves complexion

Caviar extract
(roe extract)

- high quality ingredient extracted from fish roe
- caviar is generally rich in valuable proteins (23 – 26 %), lipids (16 – 18 %) and important minerals as well as trace elements
- amongst the water-soluble extracts are amino acids, such as glutamic acid, methionine, lysine, arginine, histidine and the essential trace elements cobalt, magnesium, phosphor, silicon, zinc, copper
- the oil-soluble extracts are rich in lipids, vitamin A, vitamin D and fatty acids
- supports the skin repair system
- stimulates cell metabolism
- reduces fine wrinkles and lines
- highly moisturizing and revitalizing
- protects skin from premature aging

Cedar oil
(cedrus atlantica)

- skin friendly, essential oil of the atlas cedar
- anti-inflammatory effect
- strongly supports circulation, effectively stimulates and activates serotonin formation
- serotonin is a chemical secondary messenger with soothing relaxing and harmonizing effect

Ceramides (ceramide 3)

- important physiological component of skin in cosmetic and important element of epidermis
- strengthens skin structure
- regulates skin moisture level
- protects against premature skin aging

Ceylon cinnamon

see cinnamon oil ceylon

Chilli extract

- fruit extract from cayenne pepper
- supports blood circulation
- stimulating and tonifying

China clay (kaolin)

- good moisture absorbing properties

Chinese date extract – da cao (zizyphus jujuba)

- old traditional Chinese healing plant – it is accredited to have “life-giving powers”
- essential ingredients are mono and polysaccharides, malic acid, citric acid, triterpenoide, saponine, flavonoids, vitamin C, tanning agents and a relatively high concentration of cyclic adenosine monophosphate (c-AMP)
- cyclic adenosine monophosphate (c-AMP) is a second messenger responsible for metabolism processes inside the cell
- antioxidant
- anti-inflammatory, moisturizing, skin soothing
- the special combination of moisturizing and skin nourishing substances increases the skin's resistance against harsh extrinsic influences

Cinnamon oil ceylon (cinnamomum cassia)	<ul style="list-style-type: none"> • increases blood circulation • antiseptic
Citric acid	<ul style="list-style-type: none"> • being a free acid, it has a slight peeling effect – see fruit acids • accelerates renewal cycle of skin • mildly astringent and slightly brightening effect • synergist for antioxidants (= protects antioxidants)
Citric oil (citrus limonum)	<ul style="list-style-type: none"> • essential oil, applied as active ingredient and fragrance • antiseptic effect • refreshes and stimulates the mind
Cleansing substances	<ul style="list-style-type: none"> • tensides
Cobalt chloride	<ul style="list-style-type: none"> • essential trace elements, which diverse roles within the biological metabolisms have not been sufficiently explained yet • activates a number of enzymes • central atom of B12
Cocoa butter	see theobroma cocoa extract
Codiavelane* (name of manufacturer)	<ul style="list-style-type: none"> • extracted from a special algae species (codium tomentosum) • effective components are: polysaccharide sulfate, glucuronic acid, minerals and several proteins • long-lasting moisture regulator with depth effect
Collagen	<ul style="list-style-type: none"> • maintains balanced moisture level, even in deeper skin layers • soothing and anti-irritating effect • vitalizes skin and improves complexion
Copper sulfate	<ul style="list-style-type: none"> • important trace element, integrated in a number of physiological processes • lack of copper results in dysfunctions of the synthesis of elastin in the joint vascular system and of collagen in the bone material • component of superoxide dismutase (SOD), one of the most efficient biological defence systems against free radicals • important element in melanin formation
Coriander oil, russ. (coriandrum sativum)	<ul style="list-style-type: none"> • tonifies, strengthens and tightens tissue • light stimulating effect on psyche
Corn flower (centaurea cyanus)	<ul style="list-style-type: none"> • protects, strengthens and soothes skin • nourishes skin, leaving it with a soft and smooth feel
Corn oil (zea mays)	<ul style="list-style-type: none"> • contains essential fatty acids, vitamin E, provitamin A, lecithin, phytosterole and palmitic acid • leaves skin soft and smooth • very good carrier

Cornmeal	<ul style="list-style-type: none"> • grinded grains of maize
Currant leave extract	<ul style="list-style-type: none"> • vitalizing • rich in vitamin D • nourishing and protecting • stabilizes acid mantel of skin • strengthens capillary vessels • antioxidant
Cyclolipase* (name by manufacturer)	<ul style="list-style-type: none"> • contains adipolytic enzyme: lipase + AMP + caffeine • stimulates lipolyse and supports lipid catabolism • firming effect on body contour
Cytokine* (name by manufacturer)	<ul style="list-style-type: none"> • ingredient contained in MPC (milk peptide complex) • key molecule for cell regulation and balancing of cell functions • cytokines direct the maintenance and balance of functions between and around the cells
D Dermolectine* (name by manufacturer – glycol proteins)	<ul style="list-style-type: none"> • plant-based glycol protein • stimulating effect on cell respiration • support growth of fibroblasts (= cells in connective tissue as predominant fibrocytes = fusiform cells of connective tissue) • anti-aging effect
Destressine* (name by the manufacturer)	<ul style="list-style-type: none"> • ingredient combination composed of polyunsaturated fatty acids, vitamin E and wheat germs • increases life-span of cells; defence against free radicals • acts on rashes and skin irritations
DHA	<ul style="list-style-type: none"> • self-tanning agent • causes brown-like coloring of skin through reaction between DHA and the skin protein
DHEA	<ul style="list-style-type: none"> • steroid hormone • stimulates natural cell division
DMAE (DiMethylAmino-ethanol)	<ul style="list-style-type: none"> • DMAE is a vaccine found in body – it increases resistance of the cell walls, clearly increasing the cell life span • metabolic slags (exposure to drugs, alcohol, nicotine and stress) can be removed by DMAE • can neutralize and deactivate harsh pollutants – so called free radicals • also capable of repairing damaged cells • can retard the skin aging process • is said to prevent formation of new wrinkles

E

<p>DNA marine (DNA)</p>	<ul style="list-style-type: none"> • high quality ingredient complex, extracted from fish roe • the abbreviation DNA stands for: desoxyribonucleic acid • DNA is carrier o genetic information in the cells • DNA, composed of the amino acids adenine, cytosine, thymin and guanine, allows a very high water binding capacity due to its high protein content, thus being a rich moisturizer • compensates moisture balance in depth • being a phosphate supplier, DNA supports the synthesis of ATP (adenosin triphosphate = cell energy) in the cell • stimulates skin repair system and supports skin healing processes • the skin is protected form premature aging and stays smooth and flexible
<p>Ectoin®</p>	<ul style="list-style-type: none"> • active cell defence • supports the skin's natural defence mechanisms • protects skin immune system against UV damage
<p>Elastin (hydrolyzed elastin)</p>	<ul style="list-style-type: none"> • component of connective tissue • maintains elasticity and smoothness of skin • moisturizing, firming
<p>Elder (sambucus nigra)</p>	<ul style="list-style-type: none"> • diuretic action • anti-cellulites effect • improves skin complexion
<p>Enteline 2* (name of manufacturer – enteromorpha compressa)</p>	<ul style="list-style-type: none"> • extracted from green algae, high quality natural extract • balancing effect and soothes irritated, sensitive skin • reduces rashes • the skin regains its natural resistance
<p>Eucalyptus oil (eucalyptus globulus)</p>	<ul style="list-style-type: none"> • essential oil, gently revitalizing and anticonvulsant • antiseptic and antiviral agent • supports wound healing and assists skin regeneration
<p>Evening primrose oil (oenthera biennis)</p>	<ul style="list-style-type: none"> • one of the best and most important plant oils, rich in gamma-linolenic acid • improves elasticity and moisture binding capacity of skin • regulates lipid metabolism • specially recommended for conical skin diseases
<p>Extract from white tea</p>	<ul style="list-style-type: none"> • contains flavonoids • fights free radicals • skin soothing
<p>Eyebright extract (eupharasia officinalis)</p>	<ul style="list-style-type: none"> • regenerating and soothing • excellent for skin care and sensitive eye area

F **Farnesol**
(anti-perspirant
ingredient)

- natural deodorant agent
- inhibits growth and propagation of bacteria

**Fats – ingredient
group**

- fats are esters of long-chain fatty acids with the trivalent alcohol glycerine; glycerine has three hydroxyl groups and can therefore bind up to three fatty acids
- fats are similar to the human skin and therefore skin friendly
- they penetrate the skin through the intercellular cement and the hair follicle and makes your skin feel smooth and soft
- natural fats are rich in unsaturated fatty acids, which easily react with oxygen (oxidation), i.e. they become rancid
- the connections build from fatty acids through oxidation are insecure and degrade, releasing skin irritating substances
- therefore, fats always have to be stabilised by antioxidants and preserved
- important plant-based fats: avocado oil, safflower oil, almond oil, evening primrose oil, ricinus oil, macadamia nut oil, shea butter, and many more

Fig extract

- revitalizing
- nourishing and protecting
- antioxidant

**Flavonoids –
ingredient group**

- general term for different substances with the same basic structure often contained in plant extracts
- assist with abnormal capillary fragility (telangiectasia, couperose)
- anti-oxidant effect
- flavonoids are contained in chinese data, e.g.

Fresh Cell caviar

- high in proteins

Fruit Acids
(alpha hydroxy Acid)
– ingredient group

- acids from fruits, sugar cane, wine and milk
- release intercellular cement between dead cells of the stratum corneum (horny layer of epidermis) – keratolytic effect
- exfoliation process of horny layer is accelerated skin does not appear to be peeling
- accelerate cell division and stimulate collagen formation
- reduce fine wrinkles and pigmented moles
- the moisture binding capacity of the epidermis is improved
- the skin looks thinner, smoother and more flexible
- the skin looks and feels better and the complexion is improved

G	Gardenia	<ul style="list-style-type: none"> • plant-based fragrance
	Geranium oil (geranium)	<ul style="list-style-type: none"> • essential oil of the geranium plant • relaxing, balancing and soothing effect • skin firming effect and improves complexion
	Ginger extract	<ul style="list-style-type: none"> • stimulating, antiseptic, anti-microbial, supports blood circulation • woody, spicy smell
	Ginkgo biloba	<ul style="list-style-type: none"> • rich in anti-inflammatory plant ingredients such as flavonoids • improves blood circulation of skin and therefore increases oxygen transfer and metabolism
	Ginseng extracts – rhen sen (panax ginseng)	<ul style="list-style-type: none"> • regulates skin function • strengthening and protecting features
	Gluconic acid	<ul style="list-style-type: none"> • fruit acid • soft peeling • leaves skin looking younger and improved
	Glycerine	<ul style="list-style-type: none"> • trivalent alcohol • very good moisturizing and skin firming effect
	Glycolic acid	<ul style="list-style-type: none"> • also see fruit acids • most well known and popular fruit acid – thoroughly studied
	Glycoproteins	<ul style="list-style-type: none"> • biotechnologically base • soothes irritated skin
	Extract from white tea	<ul style="list-style-type: none"> • activates and reactivates tissue regeneration by stimulating cell respiration • increases formation of ATP (Adenosine Triphosphate) in cell suspension • supports natural revitalization capacity of skin • protects skin from continuously increasing, skin damaging extrinsic influences
	Grape extract (vitis vinifera)	<ul style="list-style-type: none"> • contains mild fruit acids • positive impact on skin moisture • activating, refreshing and revitalizing effect
	Grape seed oil	<ul style="list-style-type: none"> • light plant oil • rich in linoleic and linolenic acid • assists dry skin complexion • INCI: vitis vinifera (grape seed oil)

Green tee extract
(camelia sinensis)

- rich in flavonoids
- potent defence against free radicals

Guarana seeds
(semen paullinia
cupana sorbilis)

- increases local blood circulation through its content in caffeine
- supports removal of slag substances

H **Hamamelis**
(hamamelis virginiana)

- soothes irritated and strained skin
- astringent and anti-inflammatory
- supports healing processes of small wounds, cracks and spots
- improves blood circulation of skin, stimulates cell metabolism and tightens tissue
- improves skin complexion
- stabilizes acid mantel of skin

Hazelnut oil
(corylus avellana)

- well nourishing oil extracted from hazelnuts
- supports natural skin function
- assists in skin formation

Hop
(humulus nigra)

- relaxing, soothing and anti-inflammatory effect
- strengthens regenerative ability of skin
- highly recommended for treatment of atrophic skin

**Horse chestnut/
horse chestnut extract**

- plant-based ingredient
- healing
- acts on capillaries in varices

Horse tail extract
(equisetum arvense)

- high in silicic acid and saponines
- forms epithelium
- firming and supports blood circulation
- leaves tired skin flexible and with a fresh look

Hyaluronic acid

- distinctive water binding capacity
- stimulating effect on skin's hyaluronic synthesis
- forms an invisible film, permeable to air, protecting the skin from dehydrating
- high skin tolerance
- firms face contours

**Hydrogenated jojoba
oil**

- soft exfoliation agent in form of small pearls from the jojoba bush
- used in peelings for cleansing and smooth removal of dead skin cells
- easy to crush by applying pressure

Hydrolyte®
(name by manufacturer –
pentylene glycol)

- moisturizing and increases water binding capacity of skin (NMF)
- regenerates hydro lipid film of skin
- increases moisture level of skin
- anti-microbiological effect and natural preservatives

Hydrolyzed yeast	see yeast extract
Immucell® (name by manufacturer – glycoproteins)	<ul style="list-style-type: none"> • biotechnologically produced ingredient • innovative system of oligopeptides accelerates cell respiration • positive impact on cell metabolism by activating oxygen intake
Imperata cylindrica	<ul style="list-style-type: none"> • Chinese healing grass from Asia and Australia – high resistance, survives even on salty soils and desert regions • high in potassium and DMSP (3- dimethylsulfoniopropionate) • potassium and DMSP are combined to maintain the osmotic balance in the cell • high moisturizing capacity with immediate effect and long-lasting effect • intensive moisture agent • can be applied as hydrous-glycolic root extract
Indonesian clove leaf oil	<ul style="list-style-type: none"> • stimulating • antibacterial and antiseptic • plant-like fragrance
Inositol	<ul style="list-style-type: none"> • sugar alcohol which used to be part of the vitamin B complex • valuable, natural skin care • moisturizing and skin firming
Iris florentina	<ul style="list-style-type: none"> • iris extract, rich in isoflavones with hormone like effect • distinctive anti-protease effect • protects the proteins elastin and collagen from degradation by anti-elastinase and anti-collagenase • stimulates synthesis of so called anchor proteins like 1- and 5- laminin, strengthening the barrier function of the skin and reducing transepidermal water loss • moisturizing effect • reduces wrinkles and fine lines • the skin stays flexible and firm • perfect anti-aging ingredient
Isoflavones	<ul style="list-style-type: none"> • secondary plant substances; act as phytohormones • action similar to estrogens, but no secondary effects • great skin moisturizer • are said to reduce wrinkles
Ivy (hedera helix)	<ul style="list-style-type: none"> • strengthens capillary system and tightens tissue • bio activating effect and stimulates blood circulation • positive impact on sensitivity and permeability of vessels (synergistic anti-cellulites effect) • removal of tissue fluid and slag substances is supported • ivy extracts are applied in anti-cellulites products due to the hedera-genin's ability to break down lipids

<p>J</p> <p>Jasmine oil</p> <p>Job's tears (coix lacryma jobi, YI YI ren)</p> <p>Jojoba oil (buxus chinensis, simmondsia chinensis)</p>	<p>*plant fragrance</p> <ul style="list-style-type: none"> • anti-inflammatory and soothing effect • distinctive skin care effect, specially for rough and chappy skin <ul style="list-style-type: none"> • high quality plant oil, highly nourishing skin care • rich in vitamin E, A, B, provitamin D, lecithin, unsaturated fatty acids and mineral nutrients • nourishing, moisturizing and firming • improves rough, demanding and sun-strained skin • the skin feels soft and smooth • provides antioxidant protection • binds free radicals and therefore protects from premature skin-aging
<p>K</p> <p>Kaolin, china clay (bolus alba)</p> <p>Kava kava (piper methysticum)</p> <p>Kiwi extract</p>	<ul style="list-style-type: none"> • the naturally pure, hydrous aluminium silicate is a fine, white powder with a smooth and fatty touch, often used for powder make-up • absorbs skin fat, matifying features • when colored with iron oxide they are applied as pigments: terra di siena (yellow/brown), umbra (brown), bolus rubra (red) <ul style="list-style-type: none"> • high quality skin care ingredient extracted from a polynesian plant • soothing effect on strained, reddened skin <ul style="list-style-type: none"> • vitalizing • rich in vitamins • nourishing and protecting
<p>L</p> <p>Laminaria digitata (piper methysticum)</p> <p>Lavender oil (lavendula angustifolia)</p>	<p>see algae</p> <ul style="list-style-type: none"> • essential oil • supports blood circulation and stimulates cell renewal • soothes skin irritations and insect bites • anti-inflammatory, wound healing and reduces scars • soothing and balancing effect on nervous system
<p>Lecithin</p>	<ul style="list-style-type: none"> • general term for phospholipids • component of human skin cells, i.e. cell membranes • ingredient extracted from soya, supports absorption of water-soluble ingredients in deeper skin layers in form of liposomes • very good moisture binding properties • firming and nourishing action on skin

Lemon grass oil	<ul style="list-style-type: none"> • moisturizing, refreshing and vitalizing • slight brightening effect • removes hardened horny cells • stimulates metabolism
Licorice	see licorice extract
Licorice extract	<ul style="list-style-type: none"> • extracted from the licorice root • anti-inflammatory and skin soothing action of licorice is based on the glycyrrhizic acid, which healing qualities have been pharmacologically proven • distinctive antioxidant, assists in effectively retarding the skin aging process • stimulates connective tissue cells, new collagene and elastic fibers can be formed • the collagen synthesis can be stimulates • the skin's resistance can positively be influenced
Liftonin	<ul style="list-style-type: none"> • plant-based ingredient composed of tanning agents from gallnut • strengthens skin capillaries, increases flexibility of epidermis
Lilac extract (syringa vulgaris)	<ul style="list-style-type: none"> • plant extract gained from lilac
Lime oil, citric oil	<ul style="list-style-type: none"> • stimulating, firming, strengthening and cleansing effect on skin • soothing and anticonvulsant properties and soothes itchiness caused by eczemas or skin rashes • in cosmetics mainly applied for oily, impure skin and acne treatment
Liposome (lecithin)	<ul style="list-style-type: none"> • generic term for ingredient carrier for absorption of water-soluble ingredients into deeper skin layers • microscopic hollow balls with phospholipid bilayer membrane (e.g. lecithin)
Litsea cubeba – may chang	<ul style="list-style-type: none"> • very good skin care product • regenerating, constructive, stimulating, anti-viral • intensive lemony fruity fragrance and refreshing
Lotus	<ul style="list-style-type: none"> • plant-based fragrance

M

Macadamia oil
(macadamia ternifolia)

- high quality plant oil from the macadamia nut, rich in unsaturated fatty acids, such as palitic and oil acid
- great skin care effect, specially for dry skin
- skin firming action
- skin is left with soft and smooth feel

Magnesium stearate

- stabiliser and emulsifier
- base for powder

Magnesium
(magnesium sulfate)

- vital element
- supports cell regeneration, protein synthesis and synthesis of the vital ATP – ATP supplies the cells with energy and cannot be replaced by any substance
- contributes towards firming of skin and tissue sculpting

Malic acid

- see also fruit acids
- smoothly removes dead-cells of horny layer; supports skin metabolism

Manganese chloride

- essential trace element – varied role within biological metabolism has not been sufficiently explained yet
- component of superoxide dismutase, one of the most efficient biological defence systems against free radicals

Mango stone oil
(magnifera infica)

- leaves skin soft and smooth, improves skin's resistance
- slightly matifying effect

Marine collagen
(soluble collagen)

- marine collagen is extracted from the skin of a selected salmon species; gentle extraction process guaranteed, keeping the distinctive structure of the triple-helix as well as the physiologically important features
- collagen is applied as prophylactic (preventive) and substitute agent substance
- the marine collagen has a distinctive water binding capacity based on its special triple-helix structure – skin turgor is improved
- forms a delicate film, protecting the skin from dehydrating
- increases skin elasticity and visually firm the surface structure – anti-wrinkle element
- protects skin from premature aging through its physiological properties
- assists in reducing premature formation of fine wrinkles caused by sun damage

Melissa

see melissa extract

Melissa extract
(melissa officinalis)

- extracted from the leaves of melissa officinalis
- balancing, protecting, soothing, strengthening and anti-bacterial effect
- desensitizing

Melissa oil

see melissa extract

Melissa oil – Indian	<p>see melissa extract</p> <ul style="list-style-type: none"> • plant-based fragrance
Menthol (mentha piperita)	<ul style="list-style-type: none"> • essential oil from peppermint plant • refreshing, cooling, disinfecting, antiseptic, deodorant, supports blood circulation • visually improves pores as they contract through the cooling effect
Milk lipids	<ul style="list-style-type: none"> • moisturizing • soothing
Milk acid (lactic acid, sodium lactate)	<ul style="list-style-type: none"> • component of NMF – natural moisturizing element of skin • forms buffer system within acid mantel, protecting the skin from acids and bases • highly dosed keratolytic effect • moisturizing and moisture binding • tightens skin • improves plastic and elastic properties of horny layer • see also fruit acid
Milk proteins (lacits proteinum)	<ul style="list-style-type: none"> • biologically active protein connections, e.g. lactoferrin, lactalbumin, lactose, lactate, hydrolyzed casein • milk and milk products contain cytokines – see cytokines • moisturizing and moisture binding
Milk protein cytokine	<p>see MPC complex</p>
Mineral nutrient extract (maris limus and ostrea)	<ul style="list-style-type: none"> • valuable ingredient complex composed of mineral salts from sea sediments (maris limus) and oyster shells (ostrea) • rich in calcium, magnesium and vital trace elements such as zinc, copper, manganese and cobalt
Mistletoe	<ul style="list-style-type: none"> • healing properties
MPC complex	<ul style="list-style-type: none"> • skin tightening effect • moisturizing and moisture binding
Mucopolysaccharides – ingredient group	<ul style="list-style-type: none"> • contain components of connective tissue • secure right moisture balance in deeper skin layers • one of the most well known mucopolysaccharides is hyaluronic acid
Muscatel sage oil (salvia sclarea)	<ul style="list-style-type: none"> • pleasantly tightening, light antiseptic effect • improves complexion • stabilizes psyche, against tiredness and weariness • good “mood buster”
Mushroom extracts (fomes officinalis)	<ul style="list-style-type: none"> • natural material extract of a special mushroom species • anti-bacterial and astringent effect

N

Nasturtium
(tropaelum majus)

- high in vitamin C
- bleaching action
- cress
- stimulates metabolism
- rich in vitamins

Nettle extract
(urtica dioica)

- increases blood circulation
- tonifying, strengthening and stimulating

Niaouli oil
(melaleuca desussate)

- small leaves with eucalyptus scent, from the lignified bush, are used to extract essential niaouli oil for fragrance lights and fragrance therapy in Australia
- stimulant, lifts spirits with fresh smell

Nicotinate
(methyl nicotinate)

- nicotinate and their derivatives (methyl nicotinat) are highly stimulating and support the blood circulation
- intensively reduce fat depots
- important ingredient in cellulites products

Nicotinic acid

see nicotinate

NMF
(natural moisturizing factor)

- describes substances or compounds capable of storing the natural moisture level in the horny skin

Nordihydroguaiaretic acid (NDGA)

*antioxidant

Oleanolic acid

- compound of cloves and ivy
- firming
- moisturizing
- emulsifier

O

Oligopeptide system

- biotechnological ingredient
- activates cell to process more oxygen from blood

Omega CH factor*
(name of the manufacturer – glycerine, panthenol, glycine, sorbitol, glycine soya)

- important ingredient complex with moisturizing effect
- protects against free radicals
- protects skin from premature aging

Osmocide*
(name by the manufacturer)

- mixture of diethylene glycol monoethyl ether and octyl glycol
- moisture agent with microbial effect; reduces concentration of the classical preservatives

Oyster extract	see oyster minerals
Oyster minerals (Ostrea)	<ul style="list-style-type: none"> • processed parts from oyster shell, rich in magnesium and calcium • provides skin with important minerals and trace elements
Oyster shell extract	see oyster minerals
Ozonized olive oil	<ul style="list-style-type: none"> • ozonized oxygen linked to olive oil • stimulates cell function and increases oxygen conversion • improves flexibility and elasticity of skin • supports wound healing process
Ozonized oxygen	<ul style="list-style-type: none"> • 3 oxygen linked to cold-pressed olive oil • moisture agent with microbial effect; reduces concentration of classical preservatives
P Palmaria palmata	see algae
Palma rosa oil	<ul style="list-style-type: none"> • supports regeneration of damaged skin • regulates fat level of skin • rose like fragrance
Panthenol – provitamin B5 (panthenol)	<ul style="list-style-type: none"> • effective repair and defence ingredient • activates body's own lipid formation • protects lipids from oxidative damage • improves hydration and water binding capacity of skin • increases cell division, contributing towards the renewal and regeneration of damaged skin • healing qualities and anti-inflammatory
Papaya enzyme	<ul style="list-style-type: none"> • enzymatic base • applied as soft peeling in cosmetics • high in papain; keratolytic effect on keratin • as an alternative to fruit acids
Papaya extract	<ul style="list-style-type: none"> • removes hardened horny cells • stimulates metabolism

<p>Passion fruit (passiflora incarnata)</p>	<ul style="list-style-type: none"> • the extract of the passion flower contains mild fruit acids • balancing effect on skin moisture level • activating, refreshing, restructuring and revitalizing effect on skin • the oil of the passion fruit is easily absorbed by the skin without greasing • reduces transepidermal water loss through its high content of essential fatty acids • visually improves skin elasticity • the essential oil of the passion fruit has a strengthening, nerve soothing and anticonvulsant effect on mind and soul • against bad mood
<p>Patchouli oil (pogostemon cablin)</p>	<ul style="list-style-type: none"> • the essential oil of the pogostemon cablin has a wound healing, anti-septic effect • fragrance
<p>Peeling</p>	<ul style="list-style-type: none"> • micro fine peeling particles
<p>Pentapeptides –palmitoyl pentapeptide-3</p>	<ul style="list-style-type: none"> • second messenger for stimulation of the connective tissue formation • activates the synthesis of collagen IV • anti-wrinkle effect
<p>Peppermint oil (mentha piperita)</p>	<ul style="list-style-type: none"> • essential oil with a pleasant cooling effect based on its menthol content • antiseptic, refreshing, supports blood circulation, diuretic, decongestant and deodorant
<p>Phytohormones</p>	<ul style="list-style-type: none"> • plant growth oil, responsible for development and growth of plants • applied in cosmetics to activate cell metabolism
<p>Phytoplankton</p>	<ul style="list-style-type: none"> • microscopic plants that live in the ocean, algae • see algae
<p>Pineapple extract (anas aativus)</p>	<ul style="list-style-type: none"> • contains mild fruit acids and enzymes • positive effect on skin's moisture level • activating, refreshing, regenerating and revitalizing
<p>Plant-based natural oils (caprylic/capric triglyceride)</p>	<ul style="list-style-type: none"> • high skin tolerance, plant-based ingredients • firming and moisturizing effect
<p>Plant-based peptides</p>	<ul style="list-style-type: none"> • amino acids extracted from plants • improve tolerance of aggressive substances • moisture binding • skin firming
<p>Polyethylene</p>	<ul style="list-style-type: none"> • anti-static agent • peeling

<p>Polysaccharides – ingredient group (e.g. hyaluronic acid, glycosaminoglycans)</p>	<ul style="list-style-type: none"> • macro-molecular sugars with intensive moisture binding capacity • supports skin elasticity • polysaccharides can be found in Chinese date, codiavalene, carob bean
<p>Pomegranate extract</p>	<ul style="list-style-type: none"> • phyto-ingredient rich in vitamin C • revitalizing • stabilizes acid mantel of skin
<p>Proteins from the group of cytokines</p>	<p>see cytokines</p>
<p>Proteins from wheat germ oil</p>	<p>see wheat germ oil</p>
<p>R Ratanhia root (krameria triandra)</p>	<ul style="list-style-type: none"> • wild spice plant from South America • rich in tanning and bittern agents with astringent effect
<p>Redulite® (sambucus nigra, sodium polycrylat, ethoxydiglycol)</p>	<ul style="list-style-type: none"> • synergistic ingredient complex with phyto-cosmetic action of elder extract and the osmotic physical effect of glycerylpolyacrylat • draining effect, relieving the elimination of stored water • the tissue structure and macroscopic look of the skin are improved • regular use will remove stored water, toxins and lypolysematabolites
<p>Repagen® complex</p>	<p>see individual ingredients: ASC III hyaluronic acid BX argireline retinol liposome type DHEA DMAE</p>
<p>Retinol</p>	<p>see vitamin A</p>
<p>Retinyl palmitate</p>	<p>see vitamin A</p>
<p>Revitalin</p>	<ul style="list-style-type: none"> • moisturizing • increases revitalizing capacity of skin • for tired, stressed and demanding skin
<p>Ricinus oil (ricinus communis)</p>	<ul style="list-style-type: none"> • rich in specially important unsaturated fatty acids: oleic acid and linoleic acid • firming and moisturizing skin defence

<p>Rosehip (rosa moschata)</p>	<ul style="list-style-type: none"> • cell regenerating and healing • improves skin complexion
<p>Rosehip seed oil</p>	<ul style="list-style-type: none"> • supports healing process • high in vitamin C • contains amino acids
<p>Rosemary (rosmarinus officinalis)</p>	<ul style="list-style-type: none"> • antiseptic, astringent, stimulating, antibacterial • healing qualities, reduces scar formation • often used in skin oils
<p>Rosewood oil (aniba rosaedora)</p>	<ul style="list-style-type: none"> • tonifying, slightly stimulating, with refreshing spicy fragrance • tired, strained skin is reenergized • rosewood has a balancing, cheering and harmonizing effect on the nervous system
<p>Safflower oil (cartamus tinctorius)</p>	<ul style="list-style-type: none"> • high in unsaturated fatty acids and vitamin E • firming, moisturizing and tightening • nourishes skin for a smoother and improved complexion
<p>Sage extract (salvia officinalis)</p>	<ul style="list-style-type: none"> • the ingredient extracted from the leaves of the salvia officinalis anti-inflammatory and sweat-inhibiting • improves complexion and is antibacterial
<p>Sage oil</p>	<p>see sage extract</p> <ul style="list-style-type: none"> • plant-based fragrance
<p>Salicylic acid</p>	<ul style="list-style-type: none"> • keratolytic effect, removes dead danders • looses and removes blackheads (comedos) • softening, antiseptic, preserving • see also fruit acids
<p>Salt from the dead sea</p>	<p>see sea salt</p>
<p>Saponine – ingredient group</p>	<ul style="list-style-type: none"> • part of the phytosterole, e.g. chinese date, horse tail • surface active substances with a natural emulsifying and cleansing action, also supporting the absorption of badly absorbed substances • support anti-inflammatory overall effect
<p>Sea buckthorn (hippoochae rhamnoides)</p>	<ul style="list-style-type: none"> • rich in vitamin C • soothing, anti-inflammatory and wound healing qualities
<p>Sea minerals</p>	<ul style="list-style-type: none"> • see sea salt

S

Sea salt (maris sal)	<ul style="list-style-type: none"> • apart from sodium chloride, also rich in potassium, magnesium, calcium, iron and trace elements (see also under mineral nutrient extract) • mineral nutrients can be absorbed through skin • stimulate metabolism and are purifying • the tissue is tightened, revitalised and cleansed • relaxing effect
Silicic acid – ingredient group	<ul style="list-style-type: none"> • essential component of the human organism – specially of the connective tissue, skin, hair and nails • higher quantities of silicic acid can be found in horsetail, for example
Samphire	<ul style="list-style-type: none"> • stimulating, releases β-endorphins • antiseptic • anti-inflammatory and soothing • against redness, cooling • inhibits appearance of fat cells, slimming booster
Silk protein (sericin)	<ul style="list-style-type: none"> • forms a thin, permeable film on the skin, leaving the skin with a soft skin feel • light sun protection effect and increases resistance
Sericin	see silk protein
Sesame oil (sesamum indicum)	<ul style="list-style-type: none"> • high quality plant oil, rich in poly-unsaturated fatty acids: linoleic acid and arachidonic acid • rich in vitamin, mineral nutrients and trace elements • defence against free radicals • highly skin tolerance, moisturizing and firming • high in natural SPF
Shea butter (butyrospermum parkii)	<ul style="list-style-type: none"> • high quality skin care substance rich in vitamin A, allantoin, carotene and essential fatty acids • maintains tissue elasticity and leaves the skin soft and smooth • healing properties against skin inflammations
Sodium lactat	<ul style="list-style-type: none"> • sodium salt from lactic acid • moisturizing • buffer substance
Sorbitol	<ul style="list-style-type: none"> • hexalent sugar alcohol • moisturizing effect
Sorghum extract	<ul style="list-style-type: none"> • high in minerals, trace elements and proteins, specially silicic acid and silicon are vital basic components of the connective tissue and cartilage
Soya oil/extract (glycine soya)	<ul style="list-style-type: none"> • high quality plant oil with skin caring features • rich in lecithin, vitamin A and mineral nutrients • leaves the skin with a soft and smooth look

Sunflower oil (<i>helianthus annus</i>)	<ul style="list-style-type: none"> oil extracted from the seeds of the <i>helianthus annus</i> action: firming and moisturizing 	
Sphacelaria scoparia	see algae	
Squalane	<ul style="list-style-type: none"> synthetically produced, long-chain hydrocarbon – used to be extracted from shark liver oil component of the human skin fat skin care and carrier, supporting the vitamin absorption by the skin maintains moisture level of skin 	
T	Talcum (talc)	<ul style="list-style-type: none"> component of several minerals, extracted by cutting and cleansing them powder base relatively high moisture absorption
	Tanning agent – ingredient group	<ul style="list-style-type: none"> general term for plant ingredient capable of binding proteins stringent and antibacterial effect tanning agents are contained in Chinese date, e.g.
	Tartaric acid	<ul style="list-style-type: none"> see also fruit acids reduces wrinkle depth
	Tea tree oil (<i>melaleuca alternifolia</i>)	<ul style="list-style-type: none"> wide action spectrum, et al. disinfecting, antibacterial and antiseptic, distinctive support for impure skin accelerates self-healing process supports lymphocyte production and cellular reproduction and division activates and stimulates body and mind supports mental balance, support for lows provides courage and strength when feeling burnt out, broken or exhausted
	Theoborama cacao extract	<ul style="list-style-type: none"> vascular-widening qualities slightly stimulating rich in linoleic acid
	Tocopherol	see vitamin E
	Tocopherol acetat	see vitamin E
Towel gourd extract (<i>luffa cylindrica</i>)	<ul style="list-style-type: none"> high in linoleic acid regulates lipid barrier of skin 	

**Trace elements –
ingredient group**

- trace elements activate enzyme controlled metabolism processes within the cell, without interfering directly in the skin metabolism
- trace elements have an important role in maintaining the vital functions of the cell metabolism
- trace elements are essential for the biological mechanisms of the cell and the oxygen supply of the skin
- trace elements revitalize tired and stressed skin
- important trace elements are zinc, copper, manganese and cobalt

Type DHEA

- synthetic peptide
- similar action to the DHEA, the so called “fountain of youth hormones”
- protects skin against premature aging and alleviates aging effects
- assists skin in rebuilding the cytokine balance



Urea

- synthetically produced urea
- important component of NMF (Natural Moisturizing Factor)
- moisturizes skin and increases water binding capacity of horny layer
- alleviates itchiness as well as skin impurities and supports healing processes

Ursolic acid

- a glycoside with the same features as saponines



Vitamin A

- fat-soluble vitamin
- pithelium protection vitamin
- binds free radicals
- increases defence mechanisms
- accelerates renewal and regeneration of skin
- nourishes and revitalizes sun damaged skin
- supports collagen formation of skin
- protects from premature skin aging
- normalizes keratinisation and epidermis
- regulates cell regeneration and keratinisation of epidermis

**Vitamin A-palmitat
(retinyl palmitate)**

- derivate of vitamin A (see vitamin A)
- influences collagen formation
- increases skin elasticity

**Vitamin A acetate
(et al. panthenol)**

- derivate of vitamin A (see vitamin A)

**Vitamin B complex
(et al. panthenol)**

- normalizing effect on increased sebum production
- regenerating, alleviates irritations, moisturizing
- dry, flaky and chappy skin is left smooth and soft

Vitamin C (ascorbic acid)	<ul style="list-style-type: none"> • water-soluble vitamin • catalyst of cell respiration • balancing effect on skin pigment • acts as water-soluble antioxidant, protecting the hydrophilic components of the skin • antioxidant action • strengthens connective tissue and helps repairing and renewal of the connective tissue • supports immune system of skin • skin looks flexible, firm and smooth
Vitamin C-palmitat (ascorbyl palmitate)	<ul style="list-style-type: none"> • derivate of vitamin C (see vitamin C) • oil-soluble predominant of vitamin C • transformed into vitamin C by enzymes in skin
Vitamin C stabilized (sodium ascorbyl phosphate)	<ul style="list-style-type: none"> • constant sodium salt • provitamin • different from vitamin C (ascorbic acid), it completely resists oxidation
Vitamin E (tocopherol, tocopheryl-acetat)	<ul style="list-style-type: none"> • fat-soluble vitamin • being a fat-soluble antioxidant, it protects the lipophilic components of the cell • protects the fine skin tissue from premature aging caused by sun damage • anti-inflammatory • increases moisture binding capacity • antioxidant protection for the skin • improves use of oxygen in the tissue
Vitamin F (linoleic acid, arachidonic acid)	<ul style="list-style-type: none"> • fat-soluble vitamin, which cannot be produced by the body • the linoleic and linolenic acid are defined as vitamin F • high skin tolerance, nourishing and moisturizing • regulates lipid metabolism in skin • reduces sensitivity to eczemas and acne
Vitamin H (biotin)	<ul style="list-style-type: none"> • part of several metabolism reaction, e.g. lipid production • sometimes called "antiseborrheic vitamin" • specially recommended for seborrhoea
Vitis vinifera	see grape extract

W

Wakame
Walnut oil
Walnut shell granulate

see algae

- pressed from walnut
- anti-inflammatory
- peeling granulate from the walnut

Willow bark extract
(salic alba)

- contains salicylic acid
- improves complexion

Wheat germ extract

see wheat germ oil

Wheat germ oil
(triticum vulgare)

- high quality plant oil with distinctive skin care features
- rich in vitamins of the B-complex, vitamin E, unsaturated fatty acids such as linoleic acid, linolenic acid and arachidonic acid as well as magnesium and potassium
- leaves the skin with a soft and smooth feel
- counteracts skin aging caused by sun damaged and extrinsic influences

White tea extract

see extract from white tea

Y

Yeast extract
(hydrolyzed yeast)

- formulation: polysaccharides, lipoids, vitamins such as B1, B2 complex, H, provitamin D2 with enzymatic activity
- the enzymatic activity provides a thorough cleansing of the epidermis, specially in in the area of the oily skin with clogged pores
- skin nourishing features and protection element through its natural lipids

Ylang ylang
(cananga odorata)

- essential oil
- soothing effect on sensitive skin
- regulates sebum production
- calms and boosts mind and soul

Z

Zinc
(zinc chloride)

- important trace element
- activates metabolism of collagen formation and has healing qualities