

Ingredient Glossary

Acacia Senegal (Acacia Flower) is the flower from the acacia tree found in Africa. It is used as a soothing and anti-inflammatory agent.

Acetyl hexapeptide-3 is a Triple Amino Acid Complex which reduces the depth of wrinkles on the face caused by the contraction of muscles of facial expression, especially on the forehead and around the eyes.

Algae pratensis (SPIRULINA)

Seaweeds are nature's most complete and balanced nutrients. When used externally on the body, they increase circulation, add even skin tone, and stimulate the body's lymphatic system, eliminating trapped toxins, breaking down fatty tissue, and speeding up the metabolism. Spirulina is a blue algae containing a multitude of amino acids, beta carotene, vitamins (B9, B12, E), proteins, minerals (calcium, potassium, sodium, copper, phosphorous, magnesium, manganese, iron) all essential anti aging ingredients which support and boost collagen development.

ALLANTOIN

Anti-inflammatory ingredient usually derived from comfrey and can also be extracted from sugar beets and wheat. Used for its regenerative properties, ability to comfort irritated skin and promote healing on a cellular level. Allantoin leaves skin soothed, revitalized and soft.

ALMOND OIL (SWEET) PRUNUS AMYGDALUS

Emollient, solvent, skin conditioner and moisturizer. Significantly aids in maintaining the delicate balance of the skin's natural oils. Highly effective in skin care and cleansing, foundations and eye makeup, hair-care, bathing aids and tanning products.

Aloe barbadensis (Aloe Vera Gel)

Aloe vera gel that is grown organically is the best choice due to Aloe's deep penetrating properties. It provides an abundance of mucopolysaccharides; minerals, amino acids and other nutrients; adding moisture to the skin and helping the skin retain its natural moisture longer. Aloe is known to assist the skin with its natural healing process and works synergistically with other ingredients. Aloe is one of the oldest medicinal plants known that is capable of drawing and holding oxygen to the skin as well as stimulating cellular renewal. The plant composition is similar to that of human blood plasma and because its pH is the same as human skin, aloe is an extremely beneficial ingredient in protecting, healing and soothing the skin.

Alpha Oleifin (Plant Derived)

completely cleanse toxic pollutants from your hair.

Althaea Officinalis (Marshmallow)

rich in calcium, soothes and heals the skin.

Anacyclus pyrethrum (Pellitory)

A Mediterranean herb, used as an emollient.

Aniba rosaeodora ROSEWOOD (BOIS DE ROSE) ESSENTIAL OIL

Sensitive, dry, and acne skin can benefit from this healing oil. Inflamed skin is calmed; cell stimulation and tissue regeneration is promoted. Rose Oil is also a mild analgesic, antiseptic, antibacterial and a general tonic to the skin.

Arctium lappa (Burdock Root)

has particular value for dealing with the skin as it reduces inflammation and controls bacterial infections. Assist the skin to heal,

especially when eczema or psoriasis are present. Also improves circulation. It contains up to 45% inulin which is the reason for most of its curative actions. Containing measurable amounts of Vitamin A, C and Iron, bioflavonoids, E, B-complex along with small amounts of Sulphur, copper, iodine and zinc. It is an effective anti-inflammatory. The root itself can be utilized as a compress to relieve swelling and bruising.

Argania spinosa (ARGAN OIL)

Argan Oil, like all vegetable fats, has marvelous softening, anti-drying and protective effects and contains 80% of the unsaturated fatty acids. Argan Oil was used for centuries by Berber women of South Western Morocco for its moisturizing and replenishing effects on the skin. Even today, Argan oil is used extensively worldwide as a topical skin care treatment due to its high nutritional properties such as Omega-6 fatty acids, linoleic acid and its ability to act as a powerful antioxidant. It contains a high level of Vitamin E that aids in healing inflamed, irritated skin.

Argon Oil

Argon oil has been used for treatment of many skin disorders. It effectively reduces the signs of aging, calms irritated skin, reduces redness, and provides protection from cell damage of free radicals. This incredible oil softens, revitalizes, moisturizes and improves skins elasticity and flexibility.

Arnica Montana is a botanical credited with a wide variety of properties including antiseptic, astringent, antimicrobial, anti-inflammatory, anticoagulant, circulation-stimulating, healing and stimulating. It also promotes the removal of wastes from the skin, aids in the promotion of new tissue growth, and is antiallergenic.

Ascorbic Acid(Vitamin C) A preservative and antioxidant

Avena sativa (Colloidal Oatmeal) Meal obtained by grinding oats. Soothing to the skin.

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Biotin (Vitamin H) - A whitish, crystalline powder used as a texturizer in cosmetic creams. It is needed by humans for healthy circulation and red blood cells.

BLUE GARDENIA – Natural color made from the Blue Gardenia Flower.

BOTANICAL BLEND: Lemon Peel, Grapefruit, Cranberry Fruit and Orange Peel all contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C.

Butyrosperum park(SHEA BUTTER): Derived from the fruit of the Karite nut tree, Shea Butter is a natural cellular renewing ingredient with excellent nourishing and moisturizing benefits to the skin. It is also a superior moisturizer and anti-inflammatory and is routinely used to heal blemishes, itching, sunburn, small skin wounds, eczema, skin allergies and wrinkles. Large amounts of Vitamin E, so important to healthy skin, are contained in Shea Butter. Microcirculation is also increased, aiding the prevention of premature aging due to environmental exposure

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be utilized as a compress to relieve swelling and bruising.

Buxus chinensis (Jojoba) Oil (JOJOBA OIL): Although called an oil, this ingredient is actually more of a lipid wax. Unlike vegetable oils, jojoba oil is more like the skin's sebum excreted from hair follicles to protect the surface of the skin. This becomes part of the natural moisture factor which is often stripped by detergent based cleansers. Constant stripping of the natural moisture factor prematurely ages the skin. Jojoba oil helps hold this immune barrier in place, thereby promoting a youthful appearance. This amazing oil also resists oxidation when exposed to the sun. It absorbs the energy from the sun and brings it into the skin while helping neutralize free radicals. Sunlight is necessary for the production of Vitamin D3. Due to the small molecular structure, it can easily penetrate the skin.

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Calcium Chloride – an emulsifier and texturizer

Calendula officinalis (CALENDULA): The application of calendula to inflamed or damaged skin encourages faster healing. The metabolism of collagen and nucleoprotein synthesis is stimulated by the rapid appearance of new connective tissue. Calendula is also antiseptic and antibacterial as well as anti-fungal and possesses hydrating properties as well

Calendula officinalis L. (Calendula Flower)*,): The application of calendula to inflamed or damaged skin encourages faster healing. The metabolism of collagen and nucleoprotein synthesis is stimulated by the rapid appearance of new connective tissue. Calendula is also antiseptic and antibacterial as well as anti-fungal and possesses hydrating properties as well.

Camellia japonica (CAMELLIA OI) (derived from the Green Tea Flower in Japan) delivers the benefits claimed by Retinol, Alpha Hydroxy Acid (AHA) and other chemical acid based anti-aging products, but without their irritating side effects. Camellia oil is more effective than other natural oils and skincare products on the market today because:

-It is more penetrating and hydrating without greasy residues. Studies have proven that no skincare products can work unless they penetrate multiple layers of the skin barrier. Camellia oil is able to penetrate deep down the skin's lower layers to restore moisture and elasticity as well as replenish skin lipids, essential to prevent skin water loss. By contrast, many water- and chemical-based creams sold on the market today cannot penetrate beyond the outermost layers of the skin and there fore have only transitory surface effects.

- It is more cost effective. It delivers dramatic results at less than half the cost, or even a fraction of the cost of brand name anti-aging creams at department stores.

- It won't clog pores or cause acne because skin tissue responds better to the molecular structure of fatty acids found in camellia oil.

- It does not cause any irritation or allergic reactions such as stinging, peeling, flaking and rash, unlike most Retinol, AHA and chemical acid based anti-aging creams. Completely safe and gentle, it can be used for all skin types. You can use it every day and night, even around the eyes.

Camellia sinensis (GREEN TEA EXTRACT) is rich in amino acids, proteins, lipids and organic acids known to aid in total body health, not just the skin. It has been proven that Epigallocatechin, a polyphenol found in green tea, can be linked to prevention of the early stages of skin cancer. Its antioxidants Vitamins A, C, and E are instrumental in preventing carcinogenic absorption. Polyphenols are anti-oxidants providing anti-inflammatory and photo protective properties thereby preventing premature aging and wrinkles. Especially helpful in soothing and supporting the health of sensitive, irritated skin.

Camellia sinensis (Green Tea) Leaf) is rich in amino acids, proteins, lipids and organic acids known to aid in total body health, not just the skin. It has been proven that Epigallocatechin, a polyphenol found in green tea, can be linked to prevention of the early stages of skin cancer. Its antioxidants Vitamins A, C, and E are instrumental in preventing carcinogenic absorption. Polyphenols are anti-oxidants providing anti-inflammatory and photo protective properties thereby preventing premature aging and wrinkles. Especially helpful in soothing and supporting the health of sensitive, irritated skin.

CAMU-CAMU is a fruit from the Amazon forest very high in Vitamin C. Vitamin C is essential for the synthesis of collagen, a key structural protein of the skin. Adding vitamin C to a culture of skin cells (fibroblasts) dramatically increases the synthesis of collagen. Secondly, vitamin C is an antioxidant and can help reduce skin damage caused by free radicals. When Vitamin C is properly delivered to skin cells, it provides added support toward reducing wrinkles and improving skin texture. While oranges provide 500 to 4,000 ppm Vitamin C (or ascorbic acid), and acerola has assayed 16,000 to 172,000 ppm ascorbic acid, Camu-camu provides 21,000 to 500,000 ppm ascorbic acid or 2 to 3 grams per kilogram. In comparison, 30 times more Vitamin C is provided in Camu-camu plus 10 times more iron, 3 times more niacin and twice as much riboflavin. Astoundingly enough, it also supplies 50% more phosphorous. Other phytochemicals present are bioflavonoid, beta-carotene, calcium, iron, niacin, protein, and thiamin in smaller amounts. The action and properties of Camu-camu are:

- Astringent
- Antioxidant
- Anti-inflammatory
- Emollient
- Nutritive able to accumulate within cells for maximum effectiveness.
- Vital to the collagen synthesis process. Damage to collagen, elastin, cell membranes, nuclear constituents and proteoglycans is caused by UV radiation to the skin resulting in oxidative free radicals. Connective tissue breakdown and skin cancer can result. Feeds the skin topically to provide necessary levels of Vitamin C to protect against these detrimental agents.
- When applied in a topical manner, can provide up to 20 times more Vitamin C than found in food intake or supplements. Several studies have been done on the photo-protective effects of Vitamin C. UVB mediated sunburn cell formation was discovered to be significantly reduced and post UVB inflammation was reduced in those treated with topical Vitamin C.

CANADIAN WILLOWHERB (Epilobium augustifolium) contains a bioactive molecule: Oenothain-B, patented for its wide ranging anti-inflammatory, non-steroidal activity. Its antiviral, anti-tumor and free radical scavenging abilities soothe inflamed or irritated skin while allowing healing to take place. The potent bioactivity makes it a therapeutic product recommended for irritated, red skin. Research performed in North America and Europe has found it outperforms 1% hydrocortisone in results measured: _ hour, 1 hour, 4 hours, and 24 hours. The Willowherb lotion was especially effective during the first three measured points of the test, the time that is most important to the healing process. Thus this ingredient is excellent for traumatized skin whether by injury or cosmetic medical procedures.

Cananga odorata (Ylang Ylang) Essential Oil that is found to be relaxing and an excellent anti-stress agent.

CAPRYLIC/CAPRIC TRIGLYCERIDE – A non-comedogenic (does not enlarge pores or form blackheads) conditioner and moisturizer for the skin. This oily liquid provides lubricity to massage the active nutrients into the skin and leaves a light protection to inhibit dehydration, yet does not seal the skin. It is derived from coconut oil and palm kernel oil. It is also used to thicken cream and to hold the various nutrients in suspension. Carmine (Natural Color), - A natural pigment
Carthamus tinctorius (Safflower Seed) Oil Safflower oil is from an annual plant native to Mediterranean countries. It is also grown in Europe and the United States. Obtained by cold pressing versus solvent extraction. Safflower has one of the highest

linoleic acid contents of all oils. The moisture content of human skin is proportional to the content of essential unsaturated fatty acids. Since safflower oil is odorless, light, and quick to absorb, it is becoming more popular and favored in the skincare field. Wonderfully moisturizing. Safflower oil contains 77% Linoleic acid omega-6 essential fatty acid (polyunsaturates); 13% oleic acid Omega 9s (monosaturates) and 10% saturated fatty acids. Safflower Oil is often used in soaps and cosmetics. It is good for all skin types and is rich in minerals, proteins and vitamins. It can be used at 100% or blended with another oil.

Carthamus tinctorius (SAFFLOWER OIL) Safflower oil is from an annual plant native to Mediterranean countries. It is also grown in Europe and the United States. Obtained by cold pressing versus solvent extraction. Safflower has one of the highest linoleic acid contents of all oils. The moisture content of human skin is proportional to the content of essential unsaturated fatty acids. Since safflower oil is odorless, light, and quick to absorb, it is becoming more popular and favored in the skincare field. Wonderfully moisturizing. Safflower oil contains 77% Linoleic acid omega-6 essential fatty acid (polyunsaturates); 13% oleic acid Omega 9s (monosaturates) and 10% saturated fatty acids. Safflower Oil is often used in soaps and cosmetics. It is good for all skin types and is rich in minerals, proteins and vitamins. It can be used at 100% or blended with another oil.

Castor Oil – a highly emollient carrier oil that penetrates the skin easily, leaving it soft and supple.

Cayaponia tayuya Extract

CETEARYL ALCOHOL (PLANT SEEDS & PLANT WAXES) – Mild, naturally derived cationic self-emulsifying and conditioner. Typically used in hair care products due to its versatility as a detangler, moisturizer and superior wet combing properties.

CETYL ALCOHOL (Plant Wax) –Despite its name, it is not an alcohol: It is a palmitic fatty acid oil derived from coconuts or palm kernels. Used as an emollient and emulsion stabilizer, foam booster and viscosity – increasing agent.

CHAMOMILE - Soothes as it heals dry, damaged, inflamed skin, and is excellent for treating eczema, dermatitis and itching. Safe for all skin types. Used to release tension, frustration, anxiety and depression.

Chenopod quinoa wild (Quinoa), - extracts from the leaves and flowers
Cinnamomum cassia (Cinnamon)Extract (in Water) and Sodium Chloride (Table Salt),

CITRIC ACID – It is derived from citrus fruit by fermentation of crude sugars. A preservative, stabilizer, buffer and chelating agent. Adjusts pH and acts as an antioxidant.Citrus aurantipolia), Lime essential oil - Balances sebum, strengthens the epidermis function as it aids in epidermal circulation, helps dry skin recover, stimulates connective tissue to strengthen the skin's underlying support system.Citrus aurantium var. amara (Neroli) Essential Oil obtained from the flowers of the sour orange, stimulates cell regeneration.

Citrus aurantium (Neroli Hydrolate) Flower water that has soothing properties

Citrus aurantium (Blood Orange) Essential Oil extracted from the skin of the Blood Orange, extremely beneficial in skin care

Citrus limon LEMON ESSENTIAL OIL: Balances sebum, strengthens the epidermis function as it aids in epidermal circulation, helps dry skin recover, stimulates connective tissue to strengthen the skin's underlying support system. Citrus limon (Lemon Peel), contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C. Citrus paradisi (Grapefruit Seed), Anti-microbial and anti-fungal, it is known as a gentle yet effective "purifying agent" with strength against microbes.

Citrus paradisi (Pink Grapefruit) contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C.

Citrus reticulata (Mandarin), contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C.

Citrus sinensis (Orange Peel) Extracts) contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C.

Citrus sinensis SWEET ORANGE ESSENTIAL OIL: Relaxing, soothing, uplifting. Assists with normalizing dull, oily skin; helps reduce puffiness and wrinkles by increasing circulation and cell hydration. Calms and supports regeneration.

Colbalt Chloride

Copper-Sodium Chlorophyllin (Chlorophyll). This is the green coloring matter found in all living plants and seen in plant leaves. It is known for its soothing and healing properties.

CoQ10 (ubiquinone) is a mineral that assists in the manufacturing of energy in every cell. Shown to be a powerful anti-oxidant and immune system stimulant that effectively increases tissue oxygenation and counteracts free radical damage. Works synergistically with Vitamin C and E for optimal benefit.

CORN SILK EXTRACT: A cool, soothing herb that is recommended for sensitive skin.

CUCUMBER EXTRACT: Helps cool, soften and clear the skin. Also known for its ability to soothe red, irritated skin.

Cucumis sativus (CUCUMBER EXTRACT): Helps cool, soften and clear the skin. Also known for its ability to soothe red,

irritated skin.

Cymbopogon flexuosus (Lemongrass), This essential oil is obtained from the leaves of the lemon grasses and is considered an astringent.

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Dandelion Root is an excellent source of potassium and is also high in inulin content. Also rich in Vitamins A & D. DECYL GLUCOSIDE(corn sugars) – An extremely mild and effective cleansing agent derived from corn and glycerin; doesn't strip the skin's protective mantle. Dirt, pollution and makeup are removed, leaving the immune barrier undisturbed and the skin's moisture balanced. Completely cleanse toxic pollutants from your hair.

Decyl Polyglucose An extremely mild and effective cleansing agent; doesn't strip the skin's protective mantle. Dirt, pollution and makeup are removed, leaving the immune barrier undisturbed and the skin's moisture balanced. Completely cleanse toxic pollutants from your hair.

Disodium Cocoamphodiacetate - mild coconut cleanser

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ECHINACEA PURPUREA EXTRACT (Purple Coneflower): Antiviral, antibacterial, this herb promotes healing and conditioning of all skin types. Echinacea purpurea (Echinacea) - Antiviral, antibacterial, this herb promotes healing and conditioning of all skin types.

Elder Flowers contain high amounts of Vitamin A, C as well as flavonoids which assist healing of scratches, cuts and wounds. Elder is also known as an anti-inflammatory as well as an herb which increases blood circulation

Epilobium augustifolia (Small Flower Willowherb) – Contains a bioactive molecule: Oenothein-B, patented for its wide ranging anti-inflammatory, non-steroidal activity. Its antiviral, anti-tumor and free radical scavenging properties soothe inflamed or irritated skin while allowing healing to take place. The potent bioactivity makes it a therapeutic product recommended for irritated, red skin. Research performed in North America and Europe has found it outperforms 1% hydrocortisone in results measured: _ hour, 1 hour, 4 hours, and 24 hours. The Willowherb lotion was especially effective during the first three measured points of the test, the time that is most important to the healing process. Thus this ingredient is excellent for traumatized skin whether by injury or cosmetic medical procedures. Epilobium augustifolium (Canadian Willow Herb)*, CANADIAN WILLOWHERB contains a bioactive molecule: Oenothein-B, patented for its wide ranging anti-inflammatory, non-steroidal activity. Its antiviral, anti-tumor and free radical scavenging abilities soothe inflamed or irritated skin while allowing healing to take place. The potent bioactivity makes it a therapeutic product recommended for irritated, red skin. Research performed in North America and Europe has found it outperforms 1% hydrocortisone in results measured: _ hour, 1 hour, 4 hours, and 24 hours. The

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Equisetum arvense (Horsetail) is rich in silica that helps rebuild and provided elasticity to the skin and hair. Ergocalciferol (Vit. D2), This vitamin is absorbed through the skin's outer layer and is an important factor in epidermal cell turnover.

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Folic Acid - A yellowish orange compound and member of the Vitamin B complex, used as a nutrient. Aids in cell formation, especially red blood cells.

FULVIC ACID (Organic Glacier Minerals) are organic electrolytes which contain and transport essential nutrients, essential and trace minerals in a highly charged bio-available form and serve as an outside electrical force. They charge, recharge and restore the potential that is or once was to the normal cell, and in doing so, balance and supercharge cellular life.

- They regenerate and prolong the time essential nutrients remain in the cells,

enhance the permeability and circulation of cell membranes and greatly increasing the absorption of these nutrients.

Scavengers of free radicals, fulvic minerals restore and regenerate cellular life.

- Fulvic Acid The metabolic rate is increased and maintained. Heavy metals and free radicals are removed from body systems and the activity of numerous enzymes is increased. When combined with other nutrients, absorption is greatly improved.

- Fulvic Acid contains all of the phytochemicals, amino acid peptides, and nucleic

acids from the original plant matter in highly refined, concentrated form, enhanced by the actions of microscopic plants. Latent solar energy is also stored. It was nature's intention to participate at every level and link along the food chain to relay these energies and nutrients to every living cell creating optimal health. Fulvic Acid supports inner harmony and physical well-being.

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Gardenia Extract – The white or yellow flowers obtained from a large genus of Old World tropical trees and shrubs.

GERMAN CHAMOMILE EXTRACT: Anti-inflammatory, reduces redness, sedative in nature, promotes healing.

Glacier Silt provides the skin with naturally occurring components that absorb pollutants from the skin, provide nutrients and enzymes, desensitize the tissue, act as both an anti-inflammatory and antioxidant, and create balanced, healthy skin. It possesses powerful analgesic properties to relieve pain around the injured area. Carries energy, substance and information on a cellular level. The major components of the Glacier Silt form a synergistic equilibrium that nourish cell membranes, stimulate enzymatic and metabolic activities, regenerate skin and nerve fiber, are anti-inflammatory in nature and successfully remove 95% of toxins and micro flora from the skin.

GLYCERYL POLYMETHACRYLATE(Glycerin-based Polysaccharide), -Moisture binding agent, assists the skin in retaining moisture. Derived from micro plants.

Glyceryl Laurate is most commonly used to assist pharmaceutical ointments gain better penetration. It is made from a small glycerin molecule and a natural, oily form of lauric acid. Exceptionally mild and gentle for sensitive skins.

GLYCERYL STEARATE – Emulsifier and skin conditioning ingredient, derived from vegetable glycerin and vegetable stearate.

GREEN TEA EXTRACT (Camellia sinensis) is rich in amino acids, proteins, lipids and organic acids known to aid in total body health, not just the skin. It has been proven that Epigallocatechin, a polyphenol found in green tea, can be linked to prevention of the early stages of skin cancer. Its antioxidants Vitamins A, C, and E are instrumental in preventing carcinogenic absorption. Polyphenols are anti-oxidants providing anti-inflammatory and photo protective properties thereby preventing premature aging and wrinkles. Especially helpful in soothing and supporting the health of sensitive, irritated skin.

GUAR GUM – Naturally occurring resin from seeds of an Asian tree. Used as a thickener and emulsifier. Hamamelis virginiana (WITCH HAZE) Astringent, anti-inflammatory, and antiseptic in action. Reduces irritation. Its anti-inflammatory properties draw redness and infection from wounds and tighten pores. It has a deserved reputation in the treatment of bruises and inflamed swollen areas, also with varicose veins

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Hedera helix (Ivy Extract) – This extract has a slimming and anti-cellulite effect due to its ability to prevent water accumulation in the skins tissue. Ivy extract is considered ant bactericidal and soothing.

Helianthus annuus (Sunflower Seed) Extract – The extract from the Sunflower Seed

HELIANTHUS ANNUUS (SUNFLOWER) OIL – High in essential fatty acids and other oil based nutrients; cold processed. From the sunflower we obtain an antioxidant that is especially helpful in eliminating the peroxide free radicals created daily from exposure to sunlight. It is a good base for massage oils and lotions.

Helichrysum italicum (Immortelle Hydrolate) – Flower water with healing properties

Helichrysum Essential Oil (also known as Immortelle or Everlasting) is an anti-scar remedy with benefits of being analgesic, calming and was long ago one of the most often chosen oils to treat skin problems, circulation, irritation, and inflammation. It is antibacterial and stimulates lymph drainage. Allows regeneration of skin cells, increases speed of healing. Penetrates through

all layers of the skin for optimal benefit.

Hibiscus sabdariffa (Hibiscus Flower) – Extract obtained from the flowers from the Hibiscus. It is moisturizing, refreshing and provides a tightening effect without stripping the skin of its natural oils.

Hippophae rhamnoides (Sea Buckthorn CO2 Total) Oil - A seaweed containing Vitamins A,C and E as well as amino acids.

Horsetail is rich in silica that helps rebuild and provided elasticity to the skin and hair.

HYALURONIC ACID: A collagen and elastin supporter, this is a protein that also occurs in the skin with an ability to bind water in spaces between cells. A gel-like substance, it moisturizes and supports the strength of the long fiber proteins of collagen and elastin together. Promotes moisture retention; penetrates the skin's surface with increased water absorption to assist in diminishing wrinkles and treat dry, damaged skin. It is also able to bind 1000 times its weight in water.

HYALURONIC ACID is a mucopolysaccharide belonging to the group of glycosaminoglycans; the vegetarian source is made from microbial fermentation or vegetable ferments. It is made up of approximately 1,000 to 10,000 disaccharide units. **Moisture Retention & Anti-Wrinkle:** it is able to bind 1000 times its weight in water and acts like a moisture magnet to maintain extra cellular fluidity. The skin contains over 70% water and renews it more readily than most other bodily tissues. HA is absolutely vital to its structure and daily maintenance. As an intercellular ground substance, HA fills the space between the collagen and elastic fibers and is necessary to keep collagen hydrated and youthful. Aging can cause the decline of HA content in skin, and as a result the water retaining ability of the skin is weakened and the skin becomes wrinkled. Thus, it is considered a plumping agent and lubricant leading to a perceptible and viable improvement of skin conditions. Promotes moisture retention, penetrates the skin's surface with increased water absorption to assist in diminishing wrinkles while treating dry, damaged skin. On the surface of the skin it forms a visco-elastic film to maintain and preserve the characteristics of youthful, healthy skin with suppleness, elasticity, and tone. **Anti-sunburn action:** HA supports the natural protective mechanism of the skin. It can eliminate active oxygen free radicals produced by ultraviolet radiation in the epidermis, and protect the skin from damage. It has good water storing properties. **Scars, Wounds, Repair & Prevention:** Has one of the more heavily researched substances in medicine with literally thousands of clinical trials focusing on it. HA is used to treat muscle spasms, fibromyalgia and hardened tissue. It is also used to restore circulation and relieve pain. A gel-like substance moisturizes and provides firmness in limp, soft tissue. It acts as a lubricant by allowing fibers to pass over each other smoothly, thus making the tissue softer. This is the reason that HA is used to treat scarred tissue. Being a lubricant, HA allows the fibers of the scar tissue to slide past each other, making what used to feel hard become soft and flexible. It can also strengthen other structures like nerves and blood vessels.

HYDROLIZED LUPIN PROTEIN: (Lupinus albus / Sweet White Lupin), Maintains epidermis hydration and prevents skin dehydration leading to a restructuring and reinforcement of the stratum corneum. The barrier function of the stratum corneum is reinforced and protected before or after chemical aggression. Water loss is limited and the barrier function of the skin regenerated.

Hydrolyzed Oat Protein – The hydrolysate of oat protein

HYDROXYETHYLCELLULOSE (PLANT CELLULOSE GUM) – Edible plant fiber extracted with water. Creates a natural emulsifier that helps maintain formula consistency. Keeps products from separating. Inositol – Found naturally in plants, used in emollients and belongs to the Vitamin B family. Iodine – used as an antiseptic and germicide

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Iris germanica (Orris Root) - - know for its wonderful fragrance

Iron Gluconate -

Isostearic Acid – An emollient that forms a lipid film on the skin.

Isostearyl Avocadate – The pulpy green fruit of the Avocado which is a skin conditioning ingredient.

Jasminum officinale (Jasmine)*. JASMINE ESSENTIAL OIL is beneficial for skin, especially for dry, greasy, irritated, or sensitive skin. Its therapeutic value is relieving stressed skin. It is relaxing, calms nerves, releases tension, and uplifts. As a result, jasmine is one of the most effective essential oils for nervous anxiety, restlessness and depression. Its natural chemical constituents include beneficial benzyl acetate, benzyl benzoate, methyl anthranilate, linalol, phytol, methyl palmitate. Jojoba Bead Esters – little spheres made from the jojoba oil.

JOJOBA OIL: Although called an oil, this ingredient is actually more of a lipid wax. Unlike vegetable oils, jojoba oil is more like the skin's sebum excreted from hair follicles to protect the surface of the skin. This becomes part of the natural moisture factor which is often stripped by detergent based cleansers. Constant stripping of the natural moisture factor prematurely ages the skin. Jojoba oil helps hold this immune barrier in place, thereby promoting a youthful appearance. This amazing oil also resists oxidation when exposed to the sun. It absorbs the energy from the sun and brings it into the skin while helping neutralize free radicals. Sunlight is necessary for the production of Vitamin D3. Due to the small molecular structure, it can easily penetrate the skin. Lauramine Oxide – A safe, gentle cleansing agent and conditioner. Lavender officianalis (LAVENDER OIL): Listed in the British Pharmacopoeia, it is used for its ability to promote tissue regeneration, speed wound healing and burn recovery. It soothes and calms inflamed and irritated skin including sunburns, burns, dandruff, hair loss, allergies, herpes, scars, acne, dermatitis, eczema, psoriasis, rashes and bruises. It has an antiseptic, analgesic, and anti-inflammatory action. It is beneficial for cleansing cuts and wounds and is ideal for skin care, since it prevents the build up of excess sebum, a skin oil that bacteria feed on. Lavender has also been clinically evaluated for its relaxing effects. Lavendula augustifolia (French Lavender) -): Listed in the British Pharmacopoeia, it is used for its ability to promote tissue regeneration, speed wound healing and burn recovery. It soothes and calms inflamed and irritated skin including sunburns, burns, dandruff, hair loss, allergies, herpes, scars, acne, dermatitis, eczema, psoriasis, rashes and bruises. It has an antiseptic, analgesic, and anti-inflammatory action. It is beneficial for cleansing cuts and wounds and is ideal for skin care, since it prevents the build up of excess sebum, a skin oil that bacteria feed on. Lavender has also been clinically evaluated for its relaxing effects.

LEMON ESSENTIAL OIL: Balances sebum, strengthens the epidermis function as it aids in epidermal circulation, helps dry skin recover, stimulates connective tissue to strengthen the skin's underlying support system. Ligusticum porteri (Osha) has long been effective as a circulatory aid while possessing broad spectrum immune stimulating properties.

Magnesium Gluconate – The salt of gluconic acid

Manganese – It plays a role in collagen synthesis and skin moisturizing

Marshmallow, rich in calcium, soothes and heals the skin.

Matricaria chamomilla (German Chamomile) Flower: Anti-inflammatory, reduces redness, sedative in nature, promotes healing.

Matricaria recutita (German Blue Chamomile): Anti-inflammatory, reduces redness, sedative in nature, promotes healing.

Melanin – a water soluble form of melanin that can be formulated into a product as a free-radical scavenger

Melissa EO Essential Oil obtained from the Lemon Balm which has many healing and soothing properties. Methylsulfonylmethane (MSM) aids in accelerating the healing process. Holds together molecules of blood proteins and amino acids, helps form the collagen that shapes tissues, synthesizes and activates thiamine, vitamin C, biotin, pantothenic acid, helps maintain the immune system, and is vital to maintaining acid / alkaline balance. It also assists with the removal of toxins and treats inflammation of joints or surface skin. MSM has also been shown to react to foreign proteins, such as venom and toxins injected by insects, by trapping them, neutralizing the poisons which in turn allows for harmless removal from the body resulting in milder reaction such as itching or irritation. A must for treating wounds when insects are present. MSM also contributes significantly to permeability and pliability properties of the skin allowing for greater penetration of healing ingredients.

Myrciaria dubia (Camu Camu Fruit) CAMU-CAMU is a fruit from the Amazon forest very high in Vitamin C. Vitamin C is essential for the synthesis of collagen, a key structural protein of the skin. Adding vitamin C to a culture of skin cells (fibroblasts) dramatically increases the synthesis of collagen. Secondly, vitamin C is an antioxidant and can help reduce skin damage caused by free radicals. When Vitamin C is properly delivered to skin cells, it provides added support toward reducing wrinkles and improving skin texture. While oranges provide 500 to 4,000 ppm Vitamin C (or ascorbic acid), and acerola has assayed 16,000 to 172,000 ppm ascorbic acid, Camu-camu provides 21,000 to 500,000 ppm ascorbic acid or 2 to 3 grams per kilogram. In comparison, 30 times more Vitamin C is provided in Camu-camu plus 10 times more iron, 3 times more niacin and twice as much riboflavin. Astoundingly enough, it also supplies 50% more phosphorous. Other phytochemicals present are bioflavonoid, beta-carotene, calcium, iron, niacin, protein, and thiamin in smaller amounts. The action and properties of Camu-camu are:

- Astringent
- Antioxidant
- Anti-inflammatory

- Emollient
- Nutritive able to accumulate within cells for maximum effectiveness.
- Vital to the collagen synthesis process. Damage to collagen, elastin, cell membranes, nuclear constituents and proteoglycans is caused by UV radiation to the skin resulting in oxidative free radicals. Connective tissue breakdown and skin cancer can result. Feeds the skin topically to provide necessary levels of Vitamin C to protect against these detrimental agents.
- When applied in a topical manner, can provide up to 20 times more Vitamin C than found in food intake or supplements. Several studies have been done on the photo-protective effects of Vitamin C. UVB mediated sunburn cell formation was discovered to be significantly reduced and post UVB inflammation was reduced in those treated with topical Vitamin C.

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Oleic-10 -

Opuntia streptacantha (Nopal Cactus) -

Osha has long been effective as a circulatory aid while possessing broad spectrum immune stimulating properties.

PANTHENOL (Vitamin B-5): Pro-vitamin B-5 is necessary for the normal metabolic process of the body and increases moisture retention. Aids with moisture retention and skin elasticity when added to skin care products.

Pantothenic Acid (Vit. B5) – part of the vitamin B complex, helps in the metabolic process of the dermis.

Peruvian Peppertree is a powerful rainforest skin medicine that is used for its anti-inflammatory and analgesic benefits, to speed the healing of tissue, to stimulate circulation for a more youthful-looking skin, and as a topical cleansing treatment. Contains nature's defense against microbes; it has been known for centuries to have effective antibacterial, antimicrobial and antifungal properties.

Phenoxyethanol – A Safe Preservative

Phosphoric Acid – A preservative and an antioxidant

Pink Carmine - Natural Colors

Polyglyceryl 10 - Plant Conditioner and emulsifier

Polysaccharides (Plant Derived Conditioners) - Carbohydrates that are organic compounds consisting of carbon, hydrogen and oxygen. The polysaccharides include starch, dextrin, glycogen and cellulose.

POLYSORBATE 80 – Extracted from the myrrh gum tree. Disinfectant and astringent.

Polysorbate-20 – emulsifier and stabilizer

Potassium Chloride – used as a viscosity-increasing agent

PRUNUS AMYGDALUS (SWEET ALMOND) OIL – Emollient, solvent, skin conditioner and moisturizer. Significantly aids in maintaining the delicate balance of the skin's natural oils. Highly effective in skin care and cleansing, foundations and eye makeup, hair-care, bathing aids and tanning products. Pure Vanilla – extracted from the full grown unripe fruit of the vanilla plant

PURIFIED WATER: Water free of chemicals and contaminants. Sophisticated, multifaceted, purification system purifies water with over 400 ppm particles down to 5 ppm. This leaves "hungry water" that is ideal for up taking active ingredients into optimal topical and oral care products.

Pyridoxine-HCl (Vit. B6) – a skin conditioning agent

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RETINYL PALMITATE (Vitamin A): Natural form of Vitamin A that is easily absorbed by the skin aiding the stimulation of new cell growth; extremely beneficial for the treatment of dry, damaged skin. Contains a suitable form of retinal (Vitamin A alcohol) or its esters formed from edible fatty acids

Riboflavin (Vitamin B-2) – used as an emollient

Rosa canina (Rosehips) – rich in vitamin c, has an ability to improve skin hydration.

Rosa damascena (Otto of Rose Bulgarian)*, ROSE ESSENTIAL OIL is an excellent choice for all skin types, especially stressed skin in recovery after trauma. Problem skin - dry, sensitive, mature and wrinkled - can greatly benefit from the repairing components. It is known to significantly assist with removing the appearance of broken capillaries, and reducing inflammation and dermatitis. Analgesic in nature, rose oil soothes and calms irritated skin allowing for optimal renewal and regeneration. It's natural chemical constituents include beneficial monoterpenols, geraniol, sesquiterpene alcohols, farnesol, terpene esters, phenols, eugenol, methyl eugenol, oxides and rose oxides.

Rosa damascena (Rose Hydrolate), is an excellent choice for all skin types, especially stressed skin in recovery after trauma. Problem skin - dry, sensitive, mature and wrinkled - can greatly benefit from the repairing components. It is known to significantly assist with removing the appearance of broken capillaries, and reducing inflammation and dermatitis. Analgesic in nature, rose oil soothes and calms irritated skin allowing for optimal renewal and regeneration. It's natural chemical constituents include beneficial monoterpenols, geraniol, sesquiterpene alcohols, farnesol, terpene esters, phenols, eugenol, methyl eugenol, oxides and rose oxides.

ROSEWOOD (BOIS DE ROSE) ESSENTIAL OIL: Sensitive, dry, and acne skin can benefit from this healing oil. Inflamed skin is calmed, cell stimulation and tissue regeneration is promoted. Rose Oil is also a mild analgesic, antiseptic, antibacterial and a general tonic to the skin.

Rubus idaeus (Raspberry) Oil - the oil from these fruits contain bioactive properties that will help the skin. Red raspberry oil is unique because it contains naturally high levels of Vitamin E in the form of gamma-tocopherol, which is the most active form of Vitamin E for protecting the skin. As a result, red raspberry oil provides natural protection from damaging UV-A and UV-B rays. People that are highly active and spend a significant amount of time outdoors will enjoy the benefits of red raspberry oil in their soap and skin care products

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Saponified/Saponification: The process of making soap that is a reaction between natural fattyacids and an alkali to form a salt (cleansing agent) and glycerin.

SAFFLOWER OIL (Carthamus tinctorius): Safflower oil is from an annual plant native to Mediterranean countries. It is also grown in Europe and the United States. Obtained by cold pressing versus solvent extraction. Safflower has one of the highest linoleic acid contents of all oils. The moisture content of human skin is proportional to the content of essential unsaturated fatty acids. Since safflower oil is odorless, light, and quick to absorb, it is becoming more popular and favored in the skincare field. Wonderfully moisturizing. Safflower oil contains 77% Linoleic acid omega-6 essential fatty acid (polyunsaturates); 13% oleic acid Omega 9s (monosaturates) and 10% saturated fatty acids. Safflower Oil is often used in soaps and cosmetics. It is good for all skin types and is rich in minerals, proteins and vitamins. It can be used at 100% or blended with another oil.

SALICYLIC ACID – Plant derived. Used as a preservative, fungicide, sunscreen, anesthetic and mild exfoliant. Stimulates new cell growth without damage to the skin. Sambucus nigra(Elder Flowers) contain high amounts of Vitamin A, C as well as flavonoids which assist healing of scratches, cuts and wounds. Elder is also known as an anti-inflammatory as well as an herb which increases blood circulation

SHEA BUTTER: Derived from the fruit of the Karite nut tree, Shea Butter is a natural cellular renewing ingredient with excellent nourishing and moisturizing benefits to the skin. It is also a superior moisturizer and anti-inflammatory and is routinely used to heal blemishes, itching, sunburn, small skin wounds, eczema, skin allergies and wrinkles. Large amounts of Vitamin E, so

important to healthy skin, are contained in Shea Butter. Microcirculation is also increased, aiding the prevention of premature aging due to environmental exposure

Schinus augustifolius (Peruvian Peppertree)

Contains nature's defense against microbes; it has been known for centuries to have effective antibacterial, antimicrobial and antifungal properties. It is a powerful rainforest skin medicine that is used for its anti-inflammatory and analgesic benefits, to speed the healing of tissue, to stimulate circulation for a more youthful-looking skin, and as a topical cleansing treatment.

Selenium – It has anti-fungal properties and helps decrease skin damage induced by UV irradiation such as inflammation, blistering and pigmentation

Silica (mineral flour), - A white powder, slightly soluble in water, which occurs abundantly in nature.

Sodium and Disodium Lauryl Sulfosuccinate – a safe, gentle foaming agent
Sodium Behentrimonium Vegetable oil derived conditioners

SODIUM B-GLUCAN: Multi-purpose, high performance all natural nutrient with skin firming properties. Provides the skin with "energy" nutrients for regeneration and a youthful, smooth appearance. Protects the skin's natural immune system, makes the skin more resilient and dramatically benefits health of collagen tissue. Helps repair the skin from sun damage. Regeneration of tissue is accomplished by delivering vital nutrients to lazy, sluggish, damaged skin.

SODIUM COCOYL ISETHIONATE – The extraction of the coconut-fatty acid ester of isethionic acid by using salt water.

Sodium Hyaluronate (Mucopolysaccharides), This is used as a moisturizing agent, viscosifier, and emulsifier, sodium hyaluronate is capable of binding 1,800 times its own weight in water.

SODIUM HYDROXYMETHYLGLYCINATE – A safe naturally occurring amino acid used as a preservative.

SODIUM LAUROYL SARCOSINATE - Surfactant, cleansing and conditioning. A mild cleansing agent derived from coconut oil. Sodium PCA – It is derived from amino acids and is a high-performance humectant due to its moisture-binding ability.

SODIUM STEAROYL LACTYLATE – A nutrient and carbohydrate naturally derived from vegetables. Safely generates suds while cleansing. It is made from plant-based free fatty acids and pasteurized-yeast based lactic acids that are well-known components of the natural moisturizing factor (NMF) in the skin. Its moisture magnet benefits work like the skin's own carbohydrates, to hold and maintain water reservoirs for optimal health and appearance. Leaves skin feeling soft, silky and smooth with an increased resistance to dehydration.

SORBIC ACID – Made from the berries of the Mountain Ash, it is used as a preservative and humectant, assists with moisture retention.

SPIRULINA: Seaweeds are nature's most complete and balanced nutrients. When used externally on the body, they increase circulation, add even skin tone, and stimulate the body's lymphatic system, eliminating trapped toxins, breaking down fatty tissue, and speeding up the metabolism. Spirulina is a blue green algae containing a multitude of amino acids, beta carotene, vitamins (B9, B12, E), proteins, minerals (calcium, potassium, sodium, copper, phosphorous, magnesium, manganese, iron) all essential anti aging ingredients which support and boost collagen development. Squalane/Ubiquinone CoQ10 is a mineral that assists in the manufacturing of energy in every cell. Shown to be a powerful anti-oxidant and immune system stimulant that effectively increases tissue oxygenation and counteracts free radical damage. Works synergistically with Vitamin C and E for optimal benefit.

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SUNFLOWER OIL (HELIANTHUS ANNUUS) – High in essential fatty acids and other oil based nutrients; cold processed. From the sunflower we obtain an antioxidant that is especially helpful in eliminating the peroxide free radicals created daily from exposure to sunlight. It is a good base for massage oils and lotions.

Superoxide Dismutase (SOD Antioxidant) – An enzyme that can serve as an inhibitor of free-radical production and a free-radical scavenger. In cells, it constitutes a natural defense system against activated oxygen species.

Sweet Majoram EO - The botanical properties of this oil includes anti-spasmodic, calming, and sedative indication applications for sensitive or irritated skin.

SWEET ORANGE ESSENTIAL OIL: Relaxing, soothing, uplifting. Assists with normalizing dull, oily skin; helps reduce puffiness and wrinkles by increasing circulation and cell hydration. Calms and supports regeneration.

Symphytum officinale (Comfrey) – contains allantoin and is credited with healing, astringent and emollient properties. It is used in cases of swelling and bruising, cuts, papules and pustules. It is used topically for soothing and anti-itching. Taraxacum officinale (Dandelion Root) is an excellent source of potassium and is also high in inulin content. Also rich in Vitamins A & D. Thiamin Hydrochloride (Vitamin B-1), used as an emollient

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TOCOPHEROL (Vitamin E): Natural Vitamin E with excellent antioxidant properties helps form normal red blood cells, muscle, and other tissue, and protects fat in the body from abnormal breakdown. May also retard aging by offsetting free radical formation. Moisturizes the skin from within, helps block lipid peroxidation responsible for cell membrane damage in tissues and can reduce UV induced damage to cells and tissues.

TOCOPHERYL ACETATE (VITAMIN E) – A powerful antioxidant and soothing agent helps to protect the skin from the effects of pollutants and free radicals. Helps maintain and strengthen other anti-oxidants in the formula and in the skin, while at the same time acting as an anti-aging ingredient. Triglyceride – Fatty acids such as caprylic, capric, and lauric react with glycerin to produce triglyceride oils.

Trigonella foenum (Fenugreek Seed)*, This herb is considered an emollient, anti-inflammatory, and healing ingredient.

TRISODIUM ASCORBYL PHOSPHATE (Vitamin C): Alkaline, water softening agent.

Beneficial effects include over 85% active Vitamin C antioxidant and collagen booster. This form of Vitamin C has been proven to promote synthesis of collagen, the support structure responsible for firm, youthful looking skin. It is a major antioxidant responsible for deterring the signs of aging (wrinkles, brown spots and sagging skin), and helping to prevent sun damage. The skin will expend 80% of its Vitamin C content within the first 40 minutes of being in the sun. Thus it helps fortify the skin. It is vital to deposit Vitamin C daily in order to build up the skin's reserve of Vitamin C reducing the sunburn response. It also acts as an anti-inflammatory, protecting against the acceleration of visible aging of the skin caused by inflammation. Vitamin C also improves skin tone. It brightens by inhibiting the enzyme tyrosinase that can cause irregular skin coloring.

Triticum vulgare (WHEAT CERAMIDES) are a polar lipid extracted and purified from wheat germ extract, recommended as an active ingredient due to their ability to:

- Inhibit anti-elastin activity by 75% when added at 0.05%
- Protect against the degradation of collagen (our skin's support system, a fibrous protein found in skin, bone, cartilage, tendon, and other connective tissues. The main structural component of the lower layer of the skin (Dermis) is a protein called collagen that holds everything together along with elastin that provides skin flexibility. Bundles of collagen molecules pack together throughout the dermis, accounting for three-fourths of the dry weight of skin. Collagen is also responsible for the skin's strength and is produced by cells called fibroblasts, found scattered throughout the dermis.
- Inhibit damage from MMPs (zinc dependent enzymes that degrade proteins of the extra cellular matrix). Excess of these enzymes upsets the balance between destruction and replacement of collagens, elastins, fibronectin, etc., resulting in major structural disorders or accelerated tissue aging. Inhibition allows retention of firmness, suppleness and flexibility of the skin.
- Encapsulate other active ingredients enabling them to work synergistically to achieve the desired outcome
- Wheat Germ Extract is a biological depigmenting agent that is able to control the process of melanogenesis. It works to reduce melanin and prevent the attenuate occurrence of aging spots. Triticum vulgus (Hydrolyzed Wheat) Protein – Moisturizes and conditions the skin, increasing the skin's firmness by helping minimize transepidermal water loss.

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Vaccinium macrocarpon (Cranberry Fruit), Extract contain constituents that assist with lymphatic drainage and elimination of toxins while simultaneously nourishing the skin with vitamin C.

VEGETABLE GLYCERIN: A vegetable based glycerin possessing humectant (water attracting/ binding) properties. Vegetable glycerin is used as both an emulsifier and emollient. Verbascum thapsus (Mullein Leaf) – a natural color extracted from the mullein leaf

Wheat Amino Acids Protein Complex have been proven effective in replacing weakened and missing protein in damaged hair. When the molecular size is as small as these amino acids they actually penetrate the hair shaft providing natural thickening. Unlike most common conditioning ingredients that temporarily coat the hair, these actually penetrate, attach, and become part of the hair itself

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WINTERGREEN ESSENTIAL OIL: Assists with healing acne, blemishes, inflammation, and skin infections; is mildly analgesic as well as an astringent.

WITCH HAZEL (*Hamamelis virginiana*): Astringent, anti-inflammatory, and antiseptic in action. Reduces irritation. Its anti-inflammatory properties draw redness and infection from wounds and tighten pores. It has a deserved reputation in the treatment of bruises and inflamed swollen areas, also with varicose veins.

Zea mays (CORN SILK EXTRACT): A cool, soothing herb that is recommended for sensitive skin.

Zinc Oxide – used to protect, soothe and heal the skin. It is somewhat astringent, antiseptic and antibacterial.

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