Barbadensis (Aloe) Leaf Juice... The gel in the Aloe plant is actually a juice. Natural aloe juice contains six antiseptic agents that fight infection, three analgesics to reduce pain and itching and at least three anti-inflammatory agents.

**Water**...Water is an important part of any cream or lotion. A cream or lotion is basically an emulsion (oil with water or water with oil). The ratio of water to oil determines whether the product is a cream or lotion. Nature's Premium is a cream.

**Glycerin**... is a colorless and odorless liquid that comes from plant sources, It is a <u>humectant</u>, which means it has the property of attracting water to itself.

**Isopropyl Palmitate...**comes from palm tree oil. Is a thickening agent to make the product soft and shiny.

Cetyl Alcohol...a naturally occurring fatty acid. It is derived from coconut and palm oils. The Cetyl Alcohol in Nature's Premium is not derived from whale oil. It is not an "alcohol in the same sense as ethyl or methyl alcohol. Cetyl alcohol is non-drying and it it prevents the loss of moisture from skin.

**Peg 100 Stearate**...functions in three ways: **as emollients** (which help soften and lubricate the skin), **as emulsifiers** (which help water-based and oil-based ingredients mix properly), and as vehicles that **help deliver other ingredients deeper into the skin**.

Reputable cosmetic ingredient suppliers have long since eliminated ethylene oxide and 1,4 dioxan impurities (these were once a concern) from the finished ingredient, which make PEGs safe for skin.

**Glyceryl Stearate**...*Glyceryl Stearate acts as a lubricant on the skin's surface, which gives the skin a soft and smooth appearance. It also <u>slows the loss of water from the skin</u> by forming a barrier on the skin's surface.* 

Phenoxyethanol... In cosmetics, it's used as an antibacterial and/or a preservative to prevent products from losing their potency or spoiling. In perfumes, fragrances, soaps, and cleansers, phenoxyethanol works as a stabilizer.

**Cetyl Lactate**...is an emollient that <u>helps to improve skin</u> <u>texture</u>. It is obtained from palm or coconut oils. Lactate is a derivation of lactic acid, an alpha hydroxy acid. Alpha hydroxy acids are any of various fruit acids that are <u>capable of trapping</u> <u>moisture in the skin and initiating the formation of collagen.</u>

**Tocopheryl Acetate**...*vitamin E,* a fat-soluble vitamin is a naturally occurring antioxidant. It can be applied to the face to reduce inflammation and <u>make your skin look younger.</u>

**Methyl Gluceth-20**...functions as a water-binding and <u>skin-softening agent</u>. It is a water soluble emollient and humectant produced from Glucose and Methyl Alcohol and originally derived from corn sugar and corn starch.

**Polysorbate 80**... is the scientific term for a substance that is derived from sorbitol. Sorbitol comes from fruit. Polyobte 80 is used as an <u>emulsifier</u> (to aid in the combination of oil and

water) and as a thickening agent. There is some evidence that it promotes hair growth.

Soluble Collagen... Soluble collagen is designed to easily pass through the skin's pores. Collagen is a protein that's very important for the skin. The amount and quality of collagen in your skin significantly affects your appearance.

**Hydrolyzed Glycosaminoglycans**...bind with water and increase depth hydration, improving elasticity and firmness of the skin.

Foeniculum Vulgare(Fennel) Seed Extract...Being antiseptic in nature, fennel seed is great for oily and acne prone skin types because it can remove the dirt and bacteria often causing oil buildup and breakouts. It contains vitamins A, C, and E, which is an awesome combination for dark spots and wrinkles.

...a rich source of Vitamin A, C, E and B-Complex, which helps stimulate Collagen production, which in turn is our best weapon in preventing lines, wrinkles and stretch marks. Fennel Seed Extract is an excellent anti-inflammatory and wound healing agent and helps with oxygenating the sub-dermal tissues, leaving your skin with a healthy glow. Fennel is known to tone and firm skin, increasing elasticity and smoothness, and stimulates blood circulation, making it useful in Anti-Cellulite formulation

**Niacinamide**... also known as **vitamin B3** and nicotinamide, is a water-soluble vitamin that works with the natural substances in your skin to help visibly <u>minimize enlarged pores</u>, <u>tighten lax pores</u>, <u>improve uneven skin tone</u>, <u>soften fine lines and wrinkles</u>, <u>diminish dullness</u>, and <u>strengthen a weakened surface</u>.

**Retinyl Palmitate** ... *Vitamin A* encourages healthy **skin** cell production. Retinal, retinol and retinoic acid are important to cell production and growth. *Vitamin A* also stimulates fibroblasts—the cells responsible for <u>developing tissue that keeps skin firm and healthy—in the deep layers of your skin.</u>

Thiamine Hydrochlorid... also known as Vitamin B1 or thiamine is also essential for cell growth, development, and overall functioning. As such, B vitamins offer serious benefits to skin health, since our skin is constantly regenerating. The healthier your skin, the faster it renews. Vitamin B1 performs an important role in the regeneration of collagen, the structural molecule that keeps skin supple and strong.

Panax Ginseng Root Extract... Applied to skin, ginseng root delivers numerous antioxidant compounds, including various flavonoids, as well as being a decent source of B vitamins. Research has also shown that topical application of ginseng root boosts skin hydration, diminishes rough texture, helps fade uneven skin tone, and help visibly improve wrinkles by working within skin to bolster its natural firmness.

# Chamomilla Recutita (Matricaria)Flower Extract

....<u>chamomile is used for inflammation</u>. It is a popular medicinal herb used for healing various diseases and is also known for its <u>anti-bacterial and anti-fungal agents.</u>

Camellia Sinensis Leaf Extract....Green and white tea. Many studies have found that polyphenols, which are found in white tea, can suppress several cellular components that may damage the fiber network that helps the skin stay tight and firm. White tea is packed with polyphenols, which have antioxidant benefits. They help reduce chronic inflammation by protecting the body against damage from free radicals.

**Symphytum Officinale** (Comfrey) Extract... A natural plant extract that contains allantoin, a substance that <u>helps stimulate</u> the growth of new skin cells, accelerate healing and soothe inflamed or irritated skin.

Rosa Rubiginosa Seed Oil...has all kinds of magic abilities including restoring and regenerating tissues, decreasing wrinkles, helping acne and even normalizing pore size. It's a natural derivative of Vitamin A that helps the skin to repair and push fresh cells to the epidermis. It is also packed with molecules that are small enough to penetrate deep layers of the skin, improving moisture and collagen levels, while reducing wrinkles and fine lines.

Yucca Schidigera Leaf/Root/Stem Extract... is a plant that grows natively in the southwestern United States. It has been used for years by Native Americans for pain and inflammation caused by arthritis and rheumatism. It is also said to reduce joint inflammation and has been used with success for allergies and to strengthen the immune system. It is also reported to provide numerous skin soothing and healing benefits.

A natural cell regenerating ingredient, Yucca works to support the health

A natural cell regenerating ingredient, Yucca works to support the health of skin cells and promote the growth of younger cells. The hair and scalp

benefit from Yucca as well, calming irritation through high concentrations of saponins. Yucca is also a rich source of polyphenols, including resveratrol and a number of antioxidants containing antiinflammatory properties.

Citrus Paradisi (Grapefruit) Peel Oil... Grapefruit essential oil is a potent extract derived from the Citrus paradisi grapefruit plant. Having been used for centuries to help beat inflammation, it's considered a natural stress-fighter, anti-inflammatory, anti-oxidant food and anti-carcinogenic.

Allantoin...Moisturizes, soothes itchiness and heals injured skin. It has potent healing and soothing properties and helps swelling.. Allantoin is highly beneficial in facilitating collagen synthesis. It is also an exfoliator.

**Carbomer**...a natural thickening agent that helps distribute and suspend insoluble solids into liquid, and prevent the oil and liquid parts of a solution from separating. It has the ability to absorb and retain water.

Ascorbic Acid...is a natural water-soluble Vitamin C. Ascorbic acid is a potent reducing and antioxidant agent that functions in fighting bacterial infections, in detoxifying reactions, and in the formation of collagen in fibrous tissue, teeth, bones, connective tissue, skin, and capillaries.

**Disodium EDTA**...In cosmetics and personal care products, the binding of metal ions helps to prevent deterioration and protects the integrity of skin care products from undergoing unwanted consistency changes, pH changes, odor changes, or texture changes. Thus, disodium EDTA can be classified as a preservative

**Sodium Hydroxide...**is a highly alkaline ingredient used in small amounts in cosmetics to establish and hold the pH of a product. It's also used as a cleansing and denaturing agent.

**Sodium Metabisulfite** ...is used as a preservative, disinfectant, antioxidant. and preservative agent (also used in foods).