

# SeneGence® SeneDerm Skincare

## **Ingredients** Purpose and Benefits

**Vitamin A (Retinyl Palmitate)** – The normalizing vitamin. Essential for increasing skin elasticity and thickening of the epidermis and the dermis. Vitamin A plays an important role in RNA synthesis, which produces new and health cells in the skin and the body. Medical studies indicate that vitamin A is effective in slowing down skin aging and in the reduction in the number and depth of wrinkles. A regressing of pigmented spots has been demonstrated in medical studies with regular use of Vitamin A.

**Vitamin B Complex (Panthenol)** – Essential for formation of new health tissues.

**Vitamin E** – Essential for maintaining the activities of enzymes in the cells and for the formation of red blood cells. Vitamin E has been shown to inhibit skin cancer and aid in the healing of skin ailments. Vitamin E is a dynamic weapon against premature aging and combating wrinkles by neutralizing free radicals to stop the chain reaction of molecular damage and to protect the skin against oxidation.

**Algae Extract** – Hydrates, protects, and softens the skin. Helps penetrate the top layer of the stratum corneum and enhances the skin's ability to repair itself.

**Aloe Vera** – Renowned for moisturizing, smoothing, and healing. Recent studies indicate that aloe vera gel has the ability to enhance and accelerate cellular growth.

**Almond Oil** – Valuable for its mildness and skin softening and lubricating abilities.

**Amino Acids** – The body's building blocks from which proteins are constructed. Widely used in moisturizers to help water penetrate the skin.

**Antioxidants** – A group of substances that prevent the oxidation of fats and oil and the formulation of free radicals in food, cosmetic products and in living tissues. Vitamin E is an example of a natural antioxidant.

**Avocado Oil** – A very stable oil that contains lecithin and more than 20% essential unsaturated fatty acids. The age of skin is partly determined by its content of soluble collagen. A recent study found that treatment with avocado oil significantly increases the water-soluble collagen content in the dermis while offering protection from ultraviolet rays.

**Blue Algae Extract** – Helps prevent aging by hydrating, tightening, and toning the skin. Also provides sun protection.

**Borage Seed Oil** – Contains essential, unsaturated fatty acids valuable in skin-conditioning agents. Regulates hydration of the skin while acting as a natural humectant.

**Chamomile Flower Extract** – Soothing and refreshing botanical recognized as a sun protector, an anti-bacterial, and anti-inflammatory.

**Glycerin** – A humectant and emollient used in cosmetics for its ability to draw moisture from the air and help keep moisture in the products and on the skin.

**Humectants** – Moisturizing agents whose purpose is to keep the skin moist and elastic and prevent the upper skin layer from drying out.

**Jojoba Oil** – Most closely resembles the skin's natural waxes and oils. Aids in the prevention of moisture loss.

**Liposomes** – When present in a cream or lotion, liposomes can more easily penetrate the surface skin to underlying layers, melt, and deposit other ingredients in products deep into the epidermis.

**Lavender Oil** – Used in cosmetic preparations for its treasured medicinal value. Its anti-bacterial, antiseptic, and anti-fungal benefits soothes inflamed skin and fosters regeneration of skin cells. Since it regulates sebum production, it is useful for all skin types.

**Orchid Extract** – A plant native to the South Pacific, which has long been a source of excellence for the preparation of emollient products. Powerful anti-oxidant that provides free-radical protection and maximum moisturization. Very effective as a sunscreen.

**Plankton Extract** – Contains a light activated enzyme activity that enhances recovery from sun damage.

**Sebum** – An oil secretion composed of oils and waxes and emulsifying substances, produced by the sebaceous glands in the skin. Sebum lubricates the skin and forms a natural skin cream with water. Over-production of sebum often results in problem skin such as clogged pores and acne.

**Sesame Seed Oil** – Produced from the tiny seeds of the sesame plant that is grown mainly in China and India. This high quality and valued oil is used in cosmetics because of its content of sterolins, which are valuable moisturizers and skin-conditioning and lubrication agents.

**Squalene** – Oil obtained from ripe olives grown around the Mediterranean Sea. Superior to mineral oil in penetrating power. Squalene is widely use in anti-wrinkle creams.

**Urea** – Used as a topical antiseptic. Buffering agent, humectant and skin conditioner.

**Volcanic Ash** – Nature's natural exfoliate. Gently exfoliates and polishes the skin while stimulating circulation to produce a healthy glow to the skin.

**Yeast Extract** – A fungi that is a dietary source of folic acid (a member of the vitamin B complex). Aids in the formation of new healthy tissues and promotes new cell formation.