Youth Treatment Beginnings with reflexysons™ technology is a unique peeling mask that speeds up skin rejuvenation by working in harmony with skin's natural repair and renewal processes. Surface exfoliation removes dead skin cells that cause an aged appearance. Penetrates deep to capture and extract unwanted impurities that contribute to skin aging.

Usage:
Work on forehead, nose, chin, cheeks and neck individually. Avoid the delicate area around the eyes and direct eye contact. Apply a thin, even layer to each area. Let stand for one to two minutes. Then gently begin rubbing with small, circular motions. Product will begin to ball up and peel off. Rinse away remaining residue with warm water. Use once or twice per week.

Key Benefits – Reflexysons™ Technology

Cellvinity™
• Protects skin cells from oxidative damage and ensures optimal mitochondrial activity.
• Reactivates the synthesis of major dermal components
• Prolongs cell lifespan by maintaining telomere length
• Supports telomere repair to help maintain skin’s youthful appearance

Oxygen Complex
• High capacity to transport oxygen to the skin
• Allows the skin to breathe and self regulate in polluted environments
• Provides an instant refreshing effect to the skin
• Increases skin moisture level and hydration

Resilience Complex
• Inhibits elastase activity
• Boots collagen synthesis
• Improves skin tightness

Enviro Complex
• Prevents cutaneous dryness with natural bioprotective properties
• Restructures the skin by promoting the adhesion and growth of cells
• Boosts dermal protein synthesis (collagen I, IV and elastin)

Product Features
• Stimulates skin’s natural repair and renewal process through surface exfoliation
• Extracts age-contributing impurities from deep within the skin
• Paraben-free preservative system
• Made in the U.S.A. according to rigorous GMP standards

DNA Telomeres and Aging
Telomeres, a key part of your DNA, are found in every cell in your body. Telomeres are like a protective cap to our chromosomes, which contain genetic information. Throughout life your cells duplicate and produce new cells. This process happens continuously. Each time this process happens, the length of the telomere shortens. Science is now showing that the length of your telomeres is directly related to how fast you age. The shorter the telomeres, the faster you age. As you age and your telomeres shorten, your cells begin to slow and function in a subpar capacity. Cell damage caused by shortened telomeres make you age more quickly. As a result, you look and feel older. Reflexsyons™ Technology includes our advanced Cellvinity™ complex that helps prolong cell lifespan by maintaining telomere length and supports telomere repair to help maintain skin’s youthful appearance.

Key Benefits – Reflexsyons™ Technology
Reflexsyons™ Technology Cellvinity™is composed of Caprylic/Capric Triglyceride and Geranylgeranylisopropanol. This ingredient complex is based on a complex lipid derived from a key molecule in the cell functionality. This scientifically proven complex visibly reduces the signs of aging on the face and décolleté for a beautiful, youthful appearance.

In vitro testing demonstrates:
• Delay in cell senescence
• Limit in telomere (DNA) shortening
• Optimal replication as young cells
• Rebalancing of mitochondrial activity
• Reactivation of skin’s extracellular matrix metabolism
• 85% reduction in oxidative stress
• 483% increase in collagen synthesis
• 32% increase in decorin synthesis
• 33% increase in hyaluronic acid synthesis

In vivo testing demonstrates:
• Visibly reduces signs of cutaneous aging on the face and décolleté.
• Smooths wrinkles, restructures and normalizes skin density.
• 26.5% decrease in wrinkle volume after 1 month
• 21% decrease in wrinkle depth after 1 month
• 15.8% increase in skin density after 2 months
• 80% of study participants considered their skin less creased and firmer after 2 months
• 93.3% of study participants considered their skin density normalized and skin hydrated after 2 months
Reflexyons™ Technology Oxygen Complex is composed of Perfluorodecalin. This ingredient has a long history of use based on its ability to carry oxygen to the skin. Oxygenating the skin aids cellular respiration, cell metabolism and wound healing.

- Dramatically increases the partial pressure of oxygen (pO₂) in the skin with daily application.
- Increases the skin’s ability to transfer oxygen from the air into the skin
- Increases the skin's ability to transfer carbon dioxide from the skin into the air
- Improves skin's ability to treat wounds caused by internal and external events
- Progressively increased relative humidity of skin

In vivo testing demonstrates:
- 40% reduction in the number of wrinkles after 14 days of application
- 40% decrease in the depth of wrinkles after 14 days of application

Reflexyons™ Technology Resilience Complex, composed of Acetylarginyltryptophyl Diphenylglycine, is a tetrapeptide that inhibits elastase activity and stimulates collagen synthesis. Enhances skin elasticity and tightness, and treats sagginess and looseness in mature skin.

In vitro testing demonstrates:
- Inhibition of elastase activity
- 99% increase in collagen type 1 production

In vivo testing demonstrates:
- Enhanced skin resilience
- 14% improvement in overall elasticity
- Increase in skin tightness
- 15.6% decrease in maximal deformation

Reflexyons™ Technology Enviro Complex, composed of Pseudoalteromonas Ferment Extract, is derived from a marine organism that thrives in extreme conditions, and provides protection to the skin against extreme conditions. This glycoprotein with environmental protective properties and restructuring effects protects skin against dryness. Reduces wrinkle depth and promotes cohesion and skin regeneration by stimulation of dermal protein synthesis.

In vitro testing demonstrates:
- Environmental protection activity to help prevent damage to cellular membranes
- 125.4% increase in fibroblast adhesion in 5 hours
- 36.2% growth of keratinocytes after 48 hours
- 34% increase of collagen 1 synthesis
- 36.1% increase of collagen IV synthesis after 7 days
• 16.3% increase of elastin synthesis after 7 days

In vivo testing demonstrates:
• 44.5% decrease in depth of wrinkles after 30 days

Other Essential Ingredients

*Sodium Hyaluronate* is a pure, all-natural, moisturizing agent. This biomimetic compound has a chemical structure identical to the hyaluronic acid produced naturally by the skin, and helps skin adapt to external aggressors and internal factors that lead to skin aging. Sodium Hyaluronate has exceptional hygroscopic properties – it readily absorbs and retains water – which provides essential moisture to the skin. It forms a non-occlusive film to maintain water retention at the surface of the skin and helps prevent trans-epidermal water loss.

*Dimethylmethoxy Chromanol* is a cosmetic active with a powerful antioxidant activity featuring ROS and RHS scavenging properties. Protects against natural, intrinsic aging, and extrinsic aging factors such as pollution and photodamage.

*Aloe Barbadensis Leaf Juice* is the pure gel if the inner fillet of the Aloe Vera Leaf. Known for its hydrating, softening, healing, antimicrobial, and anti-inflammatory properties, Aloe has been used medicinally for thousands of years. Aloe penetrates and supplies moisture directly to skin tissue.

*Arnica Montana Flower Extract* naturally soothes and provides anti-inflammatory properties. Speeds skin’s natural repair processes and benefits skin disorders.

*Chamomilla Recutita (Matricaria) Extract* is commonly used to relieve inflammatory skin conditions and calm sensitive skin. It is rich in B vitamins and soothes and moisturizes the skin.
REFERENCES


24. PIERAGGI M.T., JULIAN M., BOUISSOU H., “Fibroblast changes in cutaneous ageing”, 


34. Puig A. Synthetic actives for cosmetic applications. Cosmetic & Toiletries 16-17, Nov 2002.


