

Cell Recovery System

Cell Recovery Serum

Indications

- To replenish essential moisture that is lost during aggressive anti-aging skincare treatments.
- To accelerate a speedy recovery of the substrata.

Key Features

- Research and principles of wound healing and tissue regeneration led to the development of this serum.
- Restores the skin's moisture, which has been lost during breakdown and depletion of collagen and the destruction of undermining the Stratum Corneum.
- Aid in the healing of damaged skin.
- Painless application of emollients.
- Gentle, yet speedy healing process.
- Improves the skin to a more youthful, radiant complexion leaving a superb feel on the skin.
- Ideal for use following any aggressive or overly aggressive anti-aging skincare treatment that leaves your skin dry, chafed, flaking and irritated. In many of these procedures, you are removing the Stratum Corneum and don't even know it.
- Grease-less, and dries quickly.

Special Notes

Based on the facts found when using Vitamin E (U.S.P. 'pharmaceutical grade') and Salicylic Acid in a very specific ratio to create Keratoplastic activity increases fibroblastic motility, which acts as a catalyst to produce tropocollagen and collagen and, hence, accelerates cellular turnover. The production of new skin cell, in conjunction with the excellent antioxidant activity of Vitamin E, aids in the healing, restoration and rejuvenation of the skin.

Directions

- Cleanse the skin. Best to use a soap-less, non-drying cleanser following your treatments. Allow to dry.
- Apply a small drop to each side of the face.
- May also be applied to the neck and décolleté areas.
- Use 2 – 3 times daily for a week following each anti-aging skincare treatment or procedure.
- May be used as a superior moisturizer at bedtime.

Warning

- External use only. Keep away from children.
- If irritation develops, discontinue use for 3 days and try again, use less product. If irritation persists, discontinue use and consult a dermatologist to determine the cause.

Item/Package Details

| Sizes | Item | Bottle | pH | Shelf Life |
|-----------------|-------|--------------|-----|------------|
| 1.0 oz/29.57 ml | 22001 | Airless Pump | N/A | 2 years |

| CATEGORY: Cell Recovery | | PRODUCT: Cell Recovery Serum | | | | |
|-------------------------|---|------------------------------|--------|-------------|------|------|
| Skin Type | Sensitive | Dry/Mature | Normal | Combination | Oily | Acne |
| | √ | √ | √ | √ | √ | √ |
| Face | Apply two pea size drops for the face. Once daily will last 90 for 1.0 oz bottle. | | | | | |

Ingredients

Cyclomethicone, Dimethiconal, D-Alpha Tocopherol Acetate USP, Ethyl Methylphenylglycidate, Benzyl Cinnamate, Salicylic Acid USP.

Q & A

Q. How does this differ from Lipid Recovery Serum?

A. They are similar in their ability to deliver moisture. They major difference is that this product does not rebuild the Stratum Corneum. It does enhance moisture levels and acts as a catalyst in the healing process, specifically in both the epidermis and the dermis, which Lipid Recovery cannot do. This is a very potent moisturizer and healing agent.

Hyaluronic Acid Lotion

Purpose

Research today has proven that there is a definite connection between aging and the formation of free radicals. It seems apparent that the capture of free radicals formed in the body, as well as those that land on the skin from environmental contact (such as pollutants) in addition to protection from ionizing radiation (UVA, UVB) present in the environment, will reduce the signs of aging and create revitalization of the skin.

Super Oxide Dismutase (SOD)

SOD is protein-based in a mixture of metalloenzymes that are found in aerobic bacteria, fungi, green peas and wheat germ (Vitamin E). It is produced naturally in the human body but is rapidly depleted and destroyed by ultra violet radiation (UVB and UVA); including tanning beds and trauma, i.e. post treatment irritation, inflammation and dehydration. Their main function is to protect oxygen-metabolizing cells (antioxidant) against damage from free radicals. They also revitalize cells by infusing proteins to carry out enzymatic activities including the proper utilization of zinc, copper and manganese in the skin.

Hyaluronic Acid (HA)

HA is a key constituent in the skin and connective tissue. It is extra cellular-base which commonly associates with proteins, i.e., collagen and elastin for form proteins or proteoglycans.

The main functions of HA are to

- Regulate the water content in connective tissue.
- Restrict the conversion of soluble collagen to insoluble collagen.
- Provide nutrients and remove waste from cells that do not have direct blood flow, such as connective tissue.
- It also supports the structural integrity of the extracellular matrix which includes glycosaminoglycans, collagen and elastin.

HA is also a mucopolysaccharide (or glycosaminoglycan), which is known to be strongly hydrophilic (loves water). Its nature allows it to hold 1,000 times its own weight in water. Therefore, it is commonly used in skincare products for excellent moisturization, skin lubrication and elasticity. Elastin that is not bathed in water becomes dry and brittle, thus the look of dry, brittle, wrinkled skin appears¹.

Hyaluronic Acid's properties make it an excellent vehicle to remove or inhibit creases, wrinkles and fine lines. The most popular form is an injectable known as Resylane[®]. Injectables are far superior to topical agents. HA performs best in the skin from its deepest levels and then on up. It simply does not work as effectively delivering it from the epidermis down into the dermis without a vehicle to deliver it. Injectables are more effective, more expensive and are temporary.

Although this product is not an injectable, it is very effective due to the delivery system.

As a component of connective tissue (collagen), it is able to control magnesium and zinc levels in the skin. A breakdown in either area affects the other. It is also known that factors such as poor diet and cigarette smoke degrade HA in the skin, as well as UV radiation.

Retinoids and high potent forms of Retinol will actually increase the natural synthesis of HA in the skin and accelerate the natural shedding of the skin. This product will also help to extend the performance of the injectables and filler being used today.

Tissue Growth Factor (TGF)

Helps deliver more oxygen into the epidermis and improve wound healing. It is derived from yeast.

Mechanism of Action

Liposomes are microscopic empty spheres created from Soy Lecithin, a natural material. The molecular size of a liposome allows it to penetrate the epidermis and migrate into the dermis. Active ingredients can be infused into liposomes, thus allowing them, along with the liposome, to penetrate and travel to the cellular level.

Liposomes are denoted in ingredient listings as 'Phospholipids (and)'. Some of the most important ingredients which liposomes are filled include SOD, and active moisturizing enzyme, which engulfs free

¹ Block, A., and Bettleheim, F.: Water Vapor Sorption of Hyaluronic Acid, Biochim Acta, 201, 69, 1970



radicals, and turns them into water. Sodium Hyaluronate (Hyaluronic Acid) hold thousands of times its own weight in water.

Vitamin E (Tocopherol Acetate) is a free radical scavenger and antioxidant. Retinyl Palmitate (Vitamin A) is a nutrient to help normalize the damaged cells. Mucopolysaccharides is a part of the intercellular substance and delivers nutrients to the cells.

Indications

- To fight the free radical damage that occurs in the skin and causes the accelerated aging of the skin.
- To replenish essential antioxidants, include Super Oxide Dismutase, and other key components that are destroyed by UV radiation.
- To revitalize the skin by adding nutrients lost during aggressive anti-aging skincare treatments.

Key Features

- Formulated for all skin types.
- Aids in the healing of damaged skin.
- Delivers key essential nutrients into the dermis where they can do the most good.
- Enhanced with TRF, Hyaluronic Acid, and Super Oxide Dismutase.
- Improves the skin for a more youthful, radiant complexion.
- Ideal for use following any/overly aggressive anti-aging skin care treatments that leaves your skin dry, chafed, flaking, and irritated. In many of these procedures, you are removing the Stratum Corneum and don't even know it.
- Advanced biotechnology formula.
- Designed specifically for the face and delicate eye and neck areas.
- Light, grease-less and elegant.
- Dries quickly.

Directions

- Cleanse the skin.
- Apply a drop to each side of the face.
- May also be applied to the neck and décolleté areas.
- Use once daily.

Warning

- External use only. Keep away from children.
- If irritation develops, discontinue use for 3 days and try again, use less product. If irritation persists, discontinue use and consult a dermatologist to determine the cause.

Item/Package Details

| Sizes | Item | Bottle | pH | Shelf Life |
|----------------|-------|--------------|-----|------------|
| 1.0 oz/29.0 ml | 22201 | Airless Pump | N/A | |

| CATEGORY: Cell Recovery PRODUCT: Hyaluronic Acid Lotion | | | | | | |
|---|---|------------|--------|-------------|------|------|
| Skin Type | Sensitive | Dry/Mature | Normal | Combination | Oily | Acne |
| | √ | √ | √ | √ | √ | √ |
| Face | Apply two pea size drops for the face. Once daily will last 90 - 120 for 1.0 oz bottle. | | | | | |

Ingredients

Deionized Water, Cetearyl Alcohol, Cetearth-20, Helianthus Annus (Hybrid Sunflower Oil), Glycerine USP, Squalane (from olives), Phospholipids and (Sodium Hyaluronate, SuperOxide Dismutase, Tissue Respiratory Factors), Glyceryl Stearate SE, Stearic Acid, Lanolin Alcohol, D-Alpha Tocopherol Acetate USP, Polysorbate 20, PPG-15 Stearyl Ether, Dimethicone, Magnesium Aluminum Silicate, Potassium Hydroxide, Calcium Disodium EDTA USP, Carbomer, Citric Acid, Propylene Glycol USP, Diazolidinyl Urea, Methylparaben, Propylparaben.

Q & A

Q. How does this compare to SkinCeuticals' Hydrating B5 Gel?

A. Almost half the price at retail (37% less) making it more affordable for most people and significantly more profitable (122% vs 100%) for the vendor. They are also lacking the key ingredient (SOD) which makes this much more effective.

Polypeptide Body Lotion

Indications

- To assist in replenishing essential moisture that is lost during aggressive anti-aging skincare treatments.
- To accelerate a speedy recovery of the substrata.
- To improve moisture levels in the skin that is undermined by UV radiation, which destroys your natural collagen and ability to keep the skin properly hydrated.
- To thicken the skin and improve its firmness and elasticity.
- TO soften the texture of the skin.

Key Features

- Vitamin A is a key and essential to epidermal cell growth.
- Maintains youthful and healthy-looking skin while improving skin elasticity.
- Thickens the epidermis through Keratoplastic activity. Keratin layer regains suppleness.
- Reverses damage caused by UV radiation.
- The unique combination of both Vitamin A components is readily absorbed into the skin.
- May be used on sensitive skin, including Eczema and Psoriasis.
- Contains 3% pharmaceutical-grade Retinyl Palmitate Polypeptide (Vitamin A USP).
- Vitamin A travels deep into the dermis to help stimulate the production of collagen, which boosts the ability to exfoliate; also creates skin normalcy by repairing damaged cells and making them fully functional, again.
- Elegant lotion for the entire body as it softens the skin.
- Light and easy to wear, yet dries quickly.
- The most stable form of Vitamin A that exists today.
- Squalane is a rich humectant that adds moisture to the skin.
- Glycerin is one of the finest humectants available today.
- Grease-less.

Directions

- Shake well. Apply thinly and evenly as a total body lotion.
- Superb as a moisturizer at bedtime and after a shower or bath.
- If you are using Glycolic Acid for body exfoliation, use Glycolic during the day and use Polypeptide Lotion at bedtime.
- Always add a UVA / UVB Broad-spectrum Sunscreen during the day when going outdoors to protect exposed skin.

Warning

- Keep away from small children. External use only.
- Avoid direct contact with the eyes.
- If irritation develops, discontinue use for 3 days and try again, using less product. If irritation persists, discontinue use and consult a dermatologist to determine the cause.
- Do not aggressively rub into the skin.

Item/Package Details

| Sizes | Item | Bottle | pH | Shelf Life |
|------------------|-------|------------------|-----------|------------|
| 8.0 oz/ 237.0 ml | 22108 | Evolution Bottle | 5.5 – 6.5 | 18 months |

| CATEGORY: Cell Recovery PRODUCT: Polypeptide Body Lotion | | | | | | |
|--|---|------------|--------|-------------|------|------|
| Skin Type | Sensitive | Dry/Mature | Normal | Combination | Oily | Acne |
| | √ | √ | √ | √ | √ | √ |
| Face | Supply lasts depending on frequency of usage. | | | | | |

Ingredients

Water, Cyclomethicone, Caprylic/Capric Triglyceride, Glycerin, C12-15 Alkyl Octanoate, Retinyl Palmitate Polypeptide, Squalane (from olives), Shea Butter, Cetyl Alcohol, Cholesterol, PEG-40 Stearate, PEG-20 Methyl Glucose Sesquiterate, Methyl Glucose Sesquiterate, Sorbitan Stearate, Carbomer, Diazolidinyl Urea, Triethanolamine, Fragrance, Methylparaben, Propylparaben, Tetrasodium EDTA, DMDM Hydantoin, Iodopropynyl Butylcarbamate, Simethicone, and BHT.