

# PRO ✨ GLOW

## DATA SHEETS

### Spicule Liquid 15ml Sensitive | Acne | ALL SKINTYPES For spicule newbies!

#### KEY FACTS:

##### **Hyaluronic Acid – Mid – High Molecular Weight**

- Natural Moisturising Factor that attracts + binds up to 1000 X its own weight in moisture
- Plumps surface tissue to alleviate dry, thinning skin
- Assists wound healing + repairs barrier function
- Inhibits Trans Epidermal Water Loss– essential for atopic skins

##### **Hyaluronic Acid - Low Molecular Weight**

- Trials indicate a reduction in immune-derived inflammation, improving scaling, erythema & pruritus. Effective Seborrheic Dermatitis Treatment
- Biological activity triggers built-in immune defence mechanisms whilst inducing anti-bacterial responses effectively healing skins epithelium
- Penetrates effectively to rebuild + plump deeper layers firming the skins surface
- Replenishes the hydration factors diminished with ageing + sun damage to mimic youthful levels

##### **Sodium PCA**

- Natural Moisturising Factor – providing long term correction to dehydration

##### **D-Panthenol – Vitamin B5**

- Vital nourishment that restores hydration levels, maintains strength of barrier function with skin soothing & softening properties
- Anti-inflammatory – calming atopic skin disorders by reducing oxidative stress & environmental toxins
- Smooths roughness, irritation & fine lines
- Revitalises cells helping to defy the ageing process
- Regulates moisture levels – over active sebaceous activity slowed – hydration levels restored
- Nutrients promote luminous, even toned skin by managing healthy levels of fibroblasts, prolific in skins connective tissue

Physiological hydrators offer long term restoration to treat NMF + LIPID deficiencies

##### **Spongella Spicules 99% Pure Powder**

The slender needles of the sponge range in size from 20-200um and can penetrate deep into the stratum corneum and epidermis. Sponge Microneedles activate the epidermis microcirculation and helps deliver active ingredients deep into the skin. Studies show as much as a 3000% increase in the penetration of actives into the target area with gentle circular motions.

Sponge Microneedles can help improve the penetration of active compounds that treat acne and help to clear pores and reduce pore size. It can also help with stubborn blackheads and help to control excess sebum.

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**Spicule Oil 15ml Lipid Dry | ALL SKINTYPES For spicule newbies!**

### KEY FACTS:

**L22 TM Biomimetic Lipid Composition: Jojoba Oil/Macadamia Seed Oil Esters, Squalane, Phytosteryl Macadamiate, Phytosterols, Tocopherol**

**SKIN LIPID COMPONENTS - triglycerides, sterols, wax esters, squalane, sterol esters**

Ratio consistent with lipid profile of healthy 22 year old skin.

Studies concluded that positive effects on skin hydration, barrier repair, lipid peroxidation induced by aged & sun damaged skins were corrective short & long term

Intense improvements to skin elasticity & firmness were correlated to the skin identical nature of the lipid complex. Long term correction is induced with ingredients that occur naturally in the skin providing calibration & optimal function

The skin learns to rehydrate itself again - Promoting less dependence on extra products

**Hyaluronic Acid - Natural Moisturising Factor** that attracts + binds up to 1000 X its own weight in moisture

Plumps surface tissue to alleviate dry, thinning skin

Assists wound healing + repairs barrier function

Inhibits Trans Epidermal Water Loss- essential for atopic skins

**Hyaluronic Acid - Ultra Low Weight**

Trials indicate a reduction in immune-derived inflammation, improving scaling, erythema & pruritus. Effective for Seborrheic Dermatitis Treatments. Biological activity triggers built-in immune defence mechanisms whilst inducing anti-bacterial responses effectively healing

skins epithelium. Penetrates effectively to rebuild + plump deeper layers firming the skins surface

Replenishes the hydration factors diminished with ageing + sun damage to mimic youthful levels

**Pracaxi Oil**

Potent anti-inflammatory, anti-septic, anti-fungal, anti-hemorrhagic with a high composition of EFA's known to speed the wound healing process. Demonstrates clinically relevant improvements in scar & wound attributes, including scar & wound size, severity, colour & pain

Extraordinary capacity for cell renewal applies itself to treatment of scar prevention, acne, acne scarring, eczema, psoriasis, hyperpigmentation & all compromised skin barriers

**Squalane**

Biomimetic hydrogenated (stable) lipid derived from olives

Accelerated absorption improves the moisture balance and elasticity to rapidly heal impaired skin

Positively diminishes the production of excess oil in over sebaceous acne sufferers

Helps treat allergies, eczema, psoriasis, rosacea and post-operative scar tissues

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### SPICULE MOUSSE 15ml MATURE | ALL SKINTYPES For spicule newbies!

#### KEY FACTS:

##### **Cocos Nucifera Fruit Extract – Coconut Botanical**

Rapid metabolic conversion of MCTs into cellular energy increases the absorption of vitamins, minerals, and amino acids

Effective levels of Sterols – structurally similar to cholesterol – an essential component of proper cell membrane permeability and fluidity

Transfer of MCTs into essential fatty acids allows for normalisation of epidermal lipids & intense hydration retention. Inhibits TEWL sealing in moisture and delivering critical macronutrients

Anti-inflammatory, reduces penetration of free radical aggressors & pollutants. Assimilates with the skin transforming it into a luxuriously soft, hydrated surface. Anti-oxidant & film-forming protection. Aids barrier function repair

**Seabuckthorn CO2 Oil** – Potent anti-inflammatory containing omegas 3+6 & vitamins E + A. Used to treat radiation burns

**Co2 Extracted Rose Hip Oil** – contains pro vitamin A (mostly Beta-Carotene) Also contains levels (up to .357 ml/L) of tretinoin or all-trans retinoic acid. High in the essential fatty acids: linoleic acid – omega 6 and linolenic acid – omega 3. Prevents trans- epidermal water loss aiding skin conditions: dermatitis, acne and eczema

**Cucumber Seed Oil** - Detoxifies the skin due to its proteolytic enzymes. Soothes, reducing inflammation & moisturises

**Chamomile Flower(Co2) Extract** – High grade composition maintains potent anti-inflammatory, healing, soothing & vasoconstrictor properties assisting Eczema, Psoriasis, Rosacea & sensitive skins

**Vitamins - Anti-Oxidants / Anti-Inflammatories: Alpha Bisabolol (Pure Chamomile Extract) Retinyl Palmitate (Vitamin A) Ascorbyl Tetraisopalmitate (stable Vitamin C) D-Alpha Tocopherol (Pure Vitamin E) Rosemary** - With an abundance of flavonoids (phytonutrients or plant chemicals) that provide remedial benefits through cell signalling pathways and antioxidant effects, these botanical wound healing agents function as anti-oxidants and protect the skin cells from oxidation. They are also known to have anti-bacterial & anti-fungal activity

**Macadamia Virgin Butter** – Rich in essential fatty acids with a similar chemical structure to human sebum forms a strong affinity with the skins natural barrier inhibiting TEWL

Phytosterols are protective, aiding in skin recovery & help reduce itchiness and inflammation

The linoleic fatty acid content is an essential building block for cellular membrane & structure augmenting skin regeneration & natural hydration levels

Light weight nature sheers into skin without a greasy residue

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### EXFOLIANCE PEEL with POMEGRANITE 15ml ALL SKINTYPES

#### KEY FACTS:

**Niacinamide 5.5%** – reduces pigment, anti-bacterial, repairs barrier function, potent immune booster

**Punica Granatum (Pomegranate) Fruit** – Antioxidant with elevated polyphenol content, contains Chlorogenic Acid (natural sun protection), anti-inflammatory, anti-bacterial, anti-viral, anti-fungal

**L-Lactic Acid 3%** – Alpha Hydroxy Acid (AHA) that hydrates and exfoliates, reducing wrinkles and pigmentation discolorations

**Glycolic Acid 1.25%** - Alpha Hydroxy Acid (AHA), used as an exfoliator to remove dead skin cells, smooth skin texture and reduces size of wrinkles

**Salicylic Acid 0.15%** – Beta Hydroxy Acid, provides exfoliation preventing clogged pores and smoothes fine lines/wrinkles, stimulates new cell growth, reduces inflammation

**Hyaluronic Acid** – Low, Mid & High molecular weights to aid barrier repair, boost immune response, inhibit transepidermal water loss, binds 1000 x its own weight to boost moisture levels

**Avena Sativa (Oat) Kernel Extract** - Instant tensing, lifting, anti-wrinkle

**Alpha-Arbutin** – Promotes skin brightening, blocks epidermal melanin biosynthesis by inhibiting Tyrosinase

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### BLEMISH SERUM 15ml - OILY | ACNE | BREAKOUTS

#### KEY FACTS:

##### **Retinaldehyde 0.5%**

Works like prescription A without the side effects – outstanding compliancy rate  
Skins natural storage form of A – non irritating – epidermis not compromised  
Stored in the fat cell – converted to Retinoic Acid within the skin – prolonged vitamin release  
Never found in the blood stream – safe during pregnancy  
Physiologically alters damaged DNA – new cells replicate in healthier state  
Normalises hyperkeratinisation – reducing congestion in ACNE & ROSACEA sufferers  
New collagen production at 3 months – creates volume in dermal tissue  
Rebuilds damage to structural fibres - plumps scar tissue & lines  
Compresses distended vessels – damaged vascular network less visible  
Normalises over active melanocytes – minimising hyperpigmentation  
Regulates sebaceous activity – reducing oil output  
Reconditions the skin to manufacture Glycosaminoglycans & NMF's

##### **Niacinamide – Vitamin B3**

Repairs barrier function – reducing sensitivity  
Potent anti-inflammatory – calming atopic skin disorders  
Inhibits Melanosome transfer to Keratinocyte – normalising hyperpigmentation  
Maintains surveillance function of Langerhan Cells during UV exposure – reducing tumour formation  
Regulates moisture levels – over active sebaceous activity slowed – hydration levels restored  
Delivery mechanism for other nutrients

##### **Tetrapeptide 30 – Biomimetic (skin identical) Amino acid sequence Proline –Lysine – Glutamic Acid – Lysine**

Active on all kinds of skin types  
Visibly diminishes hyperchromatic spots  
Brightens skin and improves the evenness of skin tone  
Reduces acne lesions  
Alleviates melasma on ethnic skin  
Provides a significant anti-inflammatory effect  
Safely inhibits the pigmentation process without toxicity or rebound effect

**L-Carnitine** – Chirally corrected active increases skin cell turnover & transports fatty acids into the mitochondria assisting energy production. Aids moisture levels & has an exfoliating effect

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### BLEMISH SERUM 15ml - OILY | ACNE | BREAKOUTS

#### KEY FACTS:

**L-Glutathione – Master anti-oxidant, playing an important role in preventing oxidative damage to the skin its many biological functions by binding to oxidative compounds that damage cell membranes, DNA, and energy production. A tripeptide, consisting of a small protein composed of three amino acids: Cysteine – Glycine - Glutamic acid (or glutamate)**

Protects mitochondria (power plant of the cell) to reduce apoptosis, final death message to a cell damaged beyond repair. Guarding cells vital energy source

Inhibits NF-κ, the master controller of inflammation, blocking the production of most inflammatory cytokines that keep you in a state of constant inflammation, reducing acne, psoriasis, wrinkles, melasma & all age related skin conditions

Neutralizes a wide range of oxidants, including superoxide, nitric oxide, carbon radicals, hydroperoxides, peroxynitrites, and lipid peroxides.

Low levels of L-Glutathione trigger a cascade that leads to cell injury and death, which accelerates ageing

Activates and protects immune cells to strengthen the immunologic function

Associated with skin lightening due its anti-melanogenic properties inhibiting the activity of tyrosinase enzyme in skin cells

Utilises different mechanisms to employ action as a skin whitening agent at various levels of melanogenesis

Distorts melanogenesis from the darker eumelanin to the lighter phaeomelanin

Noted importance of potent free radical scavenging to negate ROS & heightened response of inflammatory instigated melanin

#### **Squalane – Biomimetic lightweight emollient**

Penetrates deeply to mimics skin's natural oils & effectively hydrate, offering long term correction to moisture balance.

A

natural antioxidant that has anti-tumour properties, protecting your skin from carcinogens. Reduces fine lines & wrinkles

for a more vibrant, youthful complexion

**Manuka, Kunzea, Rosalina (Lavender Tea Tree), Rosemary, Lavender Proprietary Essential Oil Blend:** Aid Staph.

Infection, potent anti-oxidant, anti-bacterial, anti-inflammatory, anti-viral. Protects against UVB damage

#### **Support Actives**

**Salix Alba Bark (White Willow) Extract** – potent phytonutrient acts as a natural analgesic to soothe irritation.

Effective anti-oxidant & anti-inflammatory with high Saliciln content aids acne, enlarged pores, psoriasis & eczema

**Beta Glucan** – potent wound healing ability, applied to skin for treatment of dermatitis, eczema, wrinkles, bedsores, wounds, burns, diabetic ulcers, and radiation burns

**Aloe** – Potent anti-inflammatory with wound healing properties

**Sodium PCA-** Natural Moisturising Factor, providing long term correction to dehydration

**Anti-inflammatories:** D-alpha-Tocopherol, Alpha Bisabolol, Green Tea

# PRO\* GLOW

## DATA SHEETS

### PIGMENT SERUM 15ml - PIGMENTED | SUNDAMAGED | ALL

#### KEY FACTS:

#### **Tetrapeptide 30 – Biomimetic (skin identical) Amino acid sequence Proline –Lysine – Glutamic Acid – Lysine**

Active on all kinds of skin types

Visibly diminishes hyperchromatic spots

Reduces acne lesions

Alleviates melasma on ethnic skin

Provides a significant anti-inflammatory effect

Safely inhibits the pigmentation process without toxicity or rebound effect

#### **Tranexamic Acid**

Research indicates it can aid the reduction of hyperpigmentation & hormonally induced melasma due to its impact on melanin production

Shown to strengthen the skin barrier function serving as a shield that helps retain moisture & inhibit toxin & irritant penetration thus reducing inflammatory responses

Assists resolution in rosacea symptoms & accelerated ageing

Derivative of the amino acid lysine that is used to control bleeding, helps blood to clot

An antifibrinolytic agent that is beneficial in treating erythematotelangiectatic rosacea, a type of rosacea that presents with facial flushing and persistent redness

Can help to reduce acne & related discolourations & redness

#### **Nonapeptide-1 – skin lightening biomimetic peptide which works through the antagonism to alpha melanocyte stimulating hormone, inhibits the hormone signal that activates the melanocyte to produce melanin, thus preventing and lightening hyperpigmentation**

Prevents tyrosinase activity

Inhibits by 33% the synthesis of melanin induced by  $\alpha$ -MSH. Tyrosinase inhibition reduces the formation of unwanted pigmentation allowing for control over skin tone and brown spots.

Biomimetic peptide antagonist specific of the  $\alpha$ -MSH. Biomimetic peptides are identical to the skin's peptides, and are acting on the physiological mechanisms of the skin with a high specificity.

Competes against the natural ligand ( $\alpha$ -MSH) on its specific receptor (MC1-R) by preventing any further activation of the tyrosinase, and thus blocking melanin synthesis

#### **Acetyl Tetrapeptide-2 Biomimetic Peptide (EGCG - Epigallocatechin-3-Gallate)**

Active constituent of Green Tea - Initiates NRF-2, the master switch for anti-oxidant signalling

Protects ECM degradation & modulates inflammation

Shields DNA, membrane integrity & skin structure

Reduces oxidative stress & lipid peroxidation

Inhibits melanogenesis & glycation

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### PIGMENT SERUM 15ml - PIGMENTED | SUNDAMAGED | ALL

#### KEY FACTS:

##### **Niacinamide 5% – Vitamin B3**

Repairs barrier function – reducing sensitivity

Potent anti-inflammatory – calming atopic skin disorders

Inhibits Melanosome transfer to Keratinocyte – normalising hyperpigmentation

Maintains surveillance function of Langerhan Cells during UV exposure – reducing tumour formation

Stimulates collagen synthesis & fibroblast production – increases elasticity & firmness, reducing fine lines

Regulates moisture levels – over active sebaceous activity slowed

Increases ceramide & free fatty acid production – hydration levels restored – inhibits TEWL

Delivery mechanism for other nutrients

##### **Ascorbyl Tetraisopalmitate 2.5% - Liquid Vitamin C - is one of the most effective and beneficial cosmetic antioxidants available**

**today. The modified vitamin is released as pure C internally. It is invaluable, stable antioxidant as it works to protect against UV**

**induced cell damage and lipid peroxidation, two of the strongest contributors to the aging process**

Being lipophilic it has superior absorption qualities

Exhibits a lightening effect on the skin and may help reduce the appearance of pigmentation

Potent anti-oxidant properties protect against DNA cell damage induced by UV exposure

Prevents & repairs lipid peroxidation to aid surface plumping & fine lines

Protects the skin against exogenous ageing

Promotes collagen synthesis and collagen protection to restore & maintain skin youth

##### **Alpha Arbutin – Naturally occurring compound found in bearberry plants also referred to as Hydroquinone $\beta$ -D-glucopyranoside. It effectively lightens and reduces UV induced pigmentation and free radicals, without increasing sun sensitivity. Helps fades discoloration caused by inflammation and environmental stressors while evening skin tone. It also addresses glycation, sugar- induced skin sallowness and loss of elasticity**

Active tyrosinase competitive inhibitor that also slows melanosome maturation (the organelles that synthesize and store melanin or pigment)

Melanin is derived from the amino acid tyrosine and this conversion is regulated by the enzyme tyrosinase

Being similar in molecular structure to tyrosine, which fits into tyrosinase, needed for melanogenesis

Alpha Arbutin is reversibly competing with tyrosine for a spot on the enzyme and not inhibiting cell viability, so therefore is not cytotoxic

By targeting tyrosinase, the rate-limiting enzyme in melanin formation, as well as slowing production of the organelles that produce melanin, alpha arbutin is a potent skin brightening agent.



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## DATA SHEETS

### PIGMENT SERUM 15ml - PIGMENTED | SUNDAMAGED | ALL

#### KEY FACTS:

##### **N-Acetyl Glucosamine**

Inhibits activation of Tyrosinase & works synergistically with Niacinamide to treat existing age spots & prevent further formation of uneven pigmentation

Aids collagen and connective tissue synthesis to regenerate structural fibres & lessen wrinkles

Assists the continual process of skin rejuvenation – which slows and becomes incompetent with age

Reduces inflammation & UV radiation impact on fibroblasts that may overload an impaired antioxidant system in older and less efficient skin

Prevents the activation of enzymes that break down skin collagen and accelerate skin aging

Research concludes that “NAG-induced changes in the skin fibroblasts’s properties maybe important for prevention of the age-dependent changes in its structure and function

##### **Lactobionic Acid – Gentle PHA (Polyhydroxy Acid)**

Helps gently remove dead skin cells

Can help reduce scars and hyperpigmentation

Moisturizes the skin

Improves the skin’s natural moisture factor

Stimulates collagen renewal

Firms the skin

Reduces the appearance of fine lines and wrinkles

##### **Carnosine – Natural component found in skin tissues that has potent antioxidant and anti-inflammatory properties. More precisely, carnosine is a dipeptide — a combination of two amino acids, alanine and histidine**

Protecting against skin aging by fighting free radicals and reducing protein degradation.

Increasing cells lifespan.

Accelerating wound healing.

Reducing cellular damage.

Increasing the ability of fibroblasts (cells that can synthesize collagen) and appear to reduce the telomere shortening rate.

Skin-soothing and antioxidant properties that allow it to protect against oxidative stress and perform anti-aging capabilities

**Mandelic Acid (L)** - Derived from almonds, AHA, anti-bacterial, improvement in photo-aged skin , acne, abnormal pigmentation, and skin texture

##### **Hyaluronic Acid – Mid – High Molecular Weight**

Natural Moisturising Factor that attracts + binds up to 1000 X its own weight in moisture

Plumps surface tissue to alleviate dry, thinning skin

Assists wound healing + repairs barrier function

Inhibits Trans Epidermal Water Loss– essential for atopic skins

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## DATA SHEETS

### PIGMENT SERUM 15ml - PIGMENTED | SUNDAMAGED | ALL

#### KEY FACTS:

##### **Hyaluronic Acid - Low Molecular Weight**

Trials indicate a reduction in immune-derived inflammation, improving scaling, erythema & pruritus. Effective Seborrheic Dermatitis treatments. Biological activity triggers built-in immune defence mechanisms whilst inducing anti-bacterial responses effectively healing skins epithelium

Penetrates effectively to rebuild + plump deeper layers firming the skins surface

Replenishes the hydration factors diminished with ageing + sun damage to mimic youthful levels

##### **Advanced Olive Complex: It is a natural complex of fatty acids, chemically similar to the lipidic composition of the skin surface**

Has the ability to generate liquid crystal structures that mimic stratum corneum organization

Due to its exceptional chemical composition and physical structuring, it acts in a biomimetic manner, interacting with the human hydrolipidic film to promote healthy barrier function, skin hydration and elegant skin feel. Created to support green chemistry philosophy with cutting-edge technology, making it possible to craft products with superior function & texture

Phytosterols are protective, aiding in skin recovery & help reduce itchiness and inflammation

The linoleic fatty acid content is an essential building block for cellular membrane & structure augmenting skin regeneration & natural hydration levels

##### **Phospholipids | Sphingolipids: Plant-derived ceramides in lamellar structure – liposomal delivery**

An epidermis that is intact at the outermost boundary is crucial for a well-functioning physiological interaction between the individual skin layers

Aids restoration of the lipid barrier of dry and fissured skin conditions

Ensures a balanced water content of the skin

High components of lipids in liquid crystalline form & sphingolipids (ceramides, glycoceramides)

##### **Intercellular lipid matrix represents the mortar between the corneocytes (bricks) & is made up of the following**

50% Ceramides (most important structural elements of the lipid barrier), 25% Free fatty acids, 20% Cholesterol, 5% Cholesterol Sulfate, Amino acids, D-Panthenol – Vitamin B5

Vital nourishment that adds moisture, maintains elasticity & strength of barrier function

Anti-inflammatory – calming atopic skin disorders by reducing oxidative stress & environmental toxins

Smooths roughness, irritation & fine lines

Revitalises & aids healing processes by encouraging growth of new epithelial cells

Regulates moisture levels – over active sebaceous activity slowed – hydration levels restored

Nutrients promote luminous, even toned skin by managing healthy levels of fibroblasts, prolific in skins connective tissue defying ageing

**Manuka Honey** – Potent anti-microbial properties due to its naturally occurring content of Methylglyoxal. It's high composition of fructose, glucose, proteins, amino acids, vitamins, enzymes & minerals has been shown to improve skin wound healing (primarily

through strong anti-bacterial properties) Also acts as an emollient & humectant with soothing skin conditioning properties that helps skin repair itself & prevent infections

# PRO ✨ GLOW

## DATA SHEETS

### PIGMENT SERUM 15ml - PIGMENTED | SUNDAMAGED | ALL

#### KEY FACTS:

##### **Sodium PCA**

Natural Moisturising Factor – providing long term correction to dehydration

Physiological hydrators offer long term restoration to treat NMF + LIPID deficiencies

**Seabuckthorn CO2 Oil** – Potent anti-inflammatory containing omegas 3+6 & vitamins E + A. Used to treat radiation burns

**CoQ10** - Plays an essential role in our biological machinery, producing biological energy (ATP) inside the cells, aiding repair & keeping cells healthy. Also a potent antioxidant, it neutralises harmful free radicals, preventing premature ageing

**Vitamins - Anti-Oxidants / Anti-Inflammatories:** Alpha Bisabilol (Pure Chamomile Extract) Retinyl Palmitate (Vitamin A)

Ascorbyl Tetraisopalmitate (stable Vitamin C) D-Alpha Tocopherol (Pure Vitamin E) Rosemary - With an abundance of flavonoids (phytonutrients or plant chemicals) that provide remedial benefits through cell signalling pathways and antioxidant effects, these botanical wound healing agents function as anti-oxidants and protect the skin cells from oxidation

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## DATA SHEETS

### VIBRANCE SERUM 15ml - MATURE | SUN DAMAGE | WRINKLES | LIPID & NUTRIENT DEFICIENT

#### De-Age with Anti-Oxidants

#### KEY FACTS:

##### **Vitamins:**

Vitamin A: Retinyl Palmitate – neutralises free radicals preventing further damage

Vitamin C: Ascorbyl Tetraisopalmitate – advanced, stable lipophilic C: neutralises free radicals, stimulates collagen, anti-pigment

Vitamin E: Absorbed by the epidermis it promotes healing process, strengthens capillary walls nourishing the cells, speeds regeneration & maintains moisture content reversing dull skin into healthier, more youthful skin

##### **Active Anti-Oxidant**

CoQ 10: essential, potent repair + rebuilding element, increases cellular energy cycle

##### **Key Anti-inflammatories**

Seabuckthorn: Potent anti-inflammatory containing omegas 3+6 & vitamins E + A

Used to treat radiation burns

**Chamomile (Alpha Bisabolol):** Potent calming element

**Lipids | Intense Hydrators:** Jojoba Oil (mimics human sebum) Jojoba Butter, Rose Hip Oil, Evening Primrose, Sweet Almond Oil

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### **RADIANCE CLEANSER 30ml - ALL SKIN TYPES**

#### **with Pomegranate, Lactic, Glycolic, Salicylic**

A light enzyme based cleanser which respects the skins natural hydro/lipid film & effectively removes impurities

Skin will feel refreshed and soothed as the balance of hydration is replenished with pomegranate & organic oils

Using this cleanser daily will help to maintain a fresh, clear complexion and minimise impurities that cause congestion and clogged pores

Use: AM & PM – 2 -3 pea size with water & massage. Rinse well.

Can use on eye area

ALWAYS SHAKE WELL

#### **Key Actives:**

- Pomegranate, Lactic, Glycolic, Salicylic - 2% combination to gently resurface skin
- Organic Rosehip, Jojoba, Lavender, Palmarosa, Geranium Oils
- Aloe Vera, Allantoin, Bergamot, Sandalwood & Vanilla Essential Oils

#### **FULL INGREDIENTS LIST**

Purified Water, Cocamidopropyl Betaine, Alkyl [C8 to C16] Glucoside, Natural Vitamin E (Tocotrienols, Tocopherol-D-alpha) Caprylyl Glycol, Sodium Hydroxide, Certified Organic Aloe Barbadensis Leaf Juice Powder, Punica Granatum (Pomegranate) Fruit, Vegetable Glycerin, Alpha-Arbutin, Lactic Acid (L), Glycolic Acid, Hamamelis Virginiana (Witch Hazel) Water, Caprylic/Capric Triglyceride, Carbomer, Stearic Acid, Glyceryl Stearate, Cetearyl Alcohol, Xanthan Gum, Salicylic Acid, Gluconic Acid (D), Alcohol, Cetyl Alcohol, Avena Sativa (Oat) Kernel Extract, Allantoin, Olea Europaea (Olive) Fruit Oil, Retinyl Palmitate, Certified Organic Rosehip Oil, Certified Organic Jojoba Oil, Prunus Amygdalus Dulcis (Sweet Almond) Oil, Vanilla Planifolia Fruit Oil, Certified Organic Lavender Oil, Certified Organic Palmarosa Oil, Certified Organic Geranium Oil, Santalum Austrocaledonicum (Sandalwood) Wood Oil, Citrus Grandis (Grapefruit) Peel Oil, Citrus Aurantium Dulcis (Orange) Peel Oil, Lonicera Japonica (Honeysuckle) Flower Extract, Lonicera Caprifolium (Honeysuckle) Flower Extract, Elaeis Guineensis Oil, Zea Mays (Corn) Oil, Phenoxyethanol, Potassium Sorbate, Phytic Acid, Citric Acid, Citrus Aurantium Bergamia (Bergamot) Peel Oil

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### AQUA SURGE 30ml - ALL SKIN TYPES

#### B3 Moisturiser

#### KEY FACTS:

##### **Niacinamide – Vitamin B3**

Repairs barrier function – reducing sensitivity

Potent anti-inflammatory – calming atopic skin disorders

Inhibits Melanosome transfer to Keratinocyte – normalising hyperpigmentation

Maintains surveillance function of Langerhan Cells during UV exposure – reducing tumour formation

Stimulates collagen synthesis & fibroblast production – increases elasticity & firmness, reducing fine lines

Regulates moisture levels – over active sebaceous activity slowed

Increases ceramide & free fatty acid production – hydration levels restored – inhibits TEWL

Delivery mechanism for other nutrients

##### **Lactobacillus Ferment Lysate (Pre|Probiotic) – Cutting edge technology deploys antimicrobial peptide (Bacteriocin)**

Advanced oligosaccharide fructans are supplemented into Lactobacillus acidophilus growth media providing potent antibacterial activity

Lysozyme addition ensures release of filtered pure pre|probiotics

Reduces erythema, itching & flaking to aid reversal of damaged skin

Balances healthy microbiome for optimal hydration & recalibrated age resistance

##### **Hyaluronic Acid – Mid – High Molecular Weight**

Natural Moisturising Factor that attracts + binds up to 1000 X its own weight in moisture

Plumps surface tissue to alleviate dry, thinning skin

Assists wound healing + repairs barrier function

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Has the ability to generate liquid crystal structures that mimic stratum corneum organisation

Due to its exceptional chemical composition and physical structuring, it acts in a biomimetic manner, interacting with the human hydrolipidic film to promote healthy barrier function, skin hydration and elegant skin feel

Created to support green chemistry philosophy with cutting-edge technology, making it possible to craft products with superior function & texture

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### AQUA SURGE 30ml - ALL SKIN TYPES

#### B3 Moisturiser

##### KEY FACTS:

##### **Phospholipids | Sphingolipids: Plant-derived ceramides in lamellar structure – liposomal delivery**

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Aids restoration of the lipid barrier of dry and fissured skin conditions

Insures a balanced water content of the skin

High components of lipids in liquid crystalline form & sphingolipids (ceramides, glycosphingolipids)

Intercellular lipid matrix represents the mortar between the corneocytes (bricks) & is made up of the following:

50% Ceramides (most important structural elements of the lipid barrier), 25% Free fatty acids

20% Cholesterol, 5% Cholesterol Sulfate Amino acids

##### **1,3 Beta Glucan - naturally occurring polysaccharides derived from oats & grains**

Aids healing, reduces pain & inflammation Increases macrophage activity that reduces scar tissue formation

Allows better penetration of actives to the deeper layers

##### **D-Panthenol – Vitamin B5**

Vital nourishment that adds moisture, maintains elasticity & strength of barrier function

Anti-inflammatory – calming atopic skin disorders by reducing oxidative stress & environmental toxins

Smooths roughness, irritation & fine lines

Revitalises & aids healing processes by encouraging growth of new epithelial cells

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**Manuka Honey** – Potent anti-microbial properties due to its naturally occurring content of Methylglyoxal. It's high composition of fructose, glucose, proteins, amino acids, vitamins, enzymes & minerals has been shown to improve skin wound healing (primarily through strong anti-bacterial properties) Also acts as an emollient & humectant with soothing skin conditioning properties that helps skin repair itself & prevent infections

**Protein|Amino Acids** – Hydrolysed Marine Collagen, L-Arginine

**Vitamins - Anti-Oxidants / Anti-Inflammatories:** Alpha Bisabolol (Pure Chamomile Extract) Retinyl Palmitate (Vitamin A) Ascorbyl Tetraisopalmitate (stable Vitamin C) D-Alpha Tocopherol (Pure Vitamin E) Rosemary - With an abundance of flavonoids (phytonutrients or plant chemicals) that provide remedial benefits through cell signalling pathways and antioxidant effects, these botanical wound healing agents function as anti-oxidants and protect the skin cells from oxidation

##### **Sodium PCA**

Natural Moisturising Factor – providing long term correction to dehydration

Physiological hydrators offer long term restoration to treat NMF + LIPID deficiencies

**Seabuckthorn CO2 Oil** – Potent anti-inflammatory containing omegas 3+6 & vitamins E + A. Used to treat radiation burns

**CoQ10** - Plays an essential role in our biological machinery, producing biological energy (ATP) inside the cells, aiding repair & keeping cells healthy. Also a potent antioxidant, it neutralises harmful free radicals, preventing premature ageing

# PRO\* GLOW

## DATA SHEETS

### MOISTURE & PROTECT 30ml - ALL SKIN TYPES

with 22% Zinc Oxide

#### KEY FACTS:

##### **Zinc Oxide 22% - Broad spectrum protection from UVA and UVB radiation**

Speeds healing by stimulating collagen formation, a vital component of new tissue production

It helps combat aging by stimulating reversal of damaged collagen matrix

Support role in synthesis of DNA

Protects skins immune integrity with anti-inflammatory & bacterial infection defence

Augments auto-debridement during the wound healing phase

Provides relief for acne, rosacea, psoriasis & eczema sufferers

Natural component of skins anti-oxidant system

##### **Acetyl Tetrapeptide-2 Biomimetic Peptide (EGCG - Epigallocatechin-3-Gallate)**

Active constituent of Green Tea - Initiates NRF-2, the master switch for anti-oxidant signalling

Protects ECM degradation & modulates inflammation

Shields DNA, membrane integrity & skin structure

Reduces oxidative stress & lipid peroxidation

Inhibits melanogenesis & glycation

##### **Niacinamide - Vitamin B3**

Repairs barrier function - reducing sensitivity

Potent anti-inflammatory - calming atopic skin disorders

Inhibits Melanosome transfer to Keratinocyte - normalising hyperpigmentation

Maintains surveillance function of Langerhan Cells during UV exposure - reducing tumour formation

Regulates moisture levels - over active sebaceous activity slowed - hydration levels restored

Delivery mechanism for other nutrients

##### **Cocos Nucifera Fruit Extract - Coconut Botanical**

Rapid metabolic conversion of MCTs into cellular energy increases the absorption of vitamins, minerals, and amino acids

Effective levels of Sterols - structurally similar to cholesterol - an essential component of proper cell membrane permeability and fluidity

Transfer of MCTs into essential fatty acids allows for normalisation of epidermal lipids & intense hydration retention

Inhibits TEWL sealing in moisture and delivering critical macronutrients

Anti-inflammatory, reduces penetration of free radical aggressors & pollutants

Assimilates with the skin transforming it into a luxuriously soft, hydrated surface

Anti-oxidant & film-forming protection

Aids barrier function repair

##### **Hyaluronic Acid - Mid - High Molecular Weight**

Natural Moisturising Factor that attracts + binds up to 1000 X its own weight in moisture

Plumps surface tissue to alleviate dry, thinning skin

Assists wound healing + repairs barrier function

Inhibits Trans Epidermal Water Loss- essential for atopic skins



# PRO\* GLOW

## DATA SHEETS

### MOISTURE & PROTECT 30ml - ALL SKIN TYPES

with 22% Zinc Oxide

#### KEY FACTS:

##### **Hyaluronic Acid - Low Molecular Weight**

Trials indicate a reduction in immune-derived inflammation, improving scaling, erythema & pruritus. Effective Seborrheic Dermatitis Treatments

Biological activity triggers built-in immune defence mechanisms whilst inducing anti-bacterial responses effectively healing skins epithelium

Penetrates effectively to rebuild + plump deeper layers firming the skins surface

Replenishes the hydration factors diminished with ageing + sun damage to mimic youthful levels

##### **D-Panthenol – Vitamin B5**

Vital nourishment that adds moisture & maintains strength of barrier function

Anti-inflammatory – calming atopic skin disorders by reducing oxidative stress & environmental toxins

Smooths roughness, irritation & fine lines

Revitalises cells helping to defy the ageing process

Regulates moisture levels – over active sebaceous activity slowed – hydration levels restored

Nutrients promote luminous, even toned skin by managing healthy levels of fibroblasts, prolific in skins connective tissue

**Cucumber Seed Oil** - Detoxifies the skin due to its proteolytic enzymes. Soothes, reducing inflammation & moisturises

**Chamomile Flower(Co2) Extract** – High grade composition maintains potent anti-inflammatory, healing, soothing & vasoconstrictor properties assisting Eczema, Psoriasis, Rosacea & sensitive skins

**Sodium PCA** - Natural Moisturising Factor – providing long term correction to dehydration

Physiological hydrators offer long term restoration to treat NMF + LIPID deficiencies

**Anti-oxidants:** Protect the epidermis and dermis by encouraging skin cell regeneration, aiding tissue repair, healing wounds and encouraging circulation to heal skin