

# MG-R.A.S.



## HELPS 'REVERSE AGEING & SCARS'



- Designed to improve the visible appearance of aged skin, such as deep expression lines, wrinkles, and scars
- A potent blend of antioxidants, vitamins, peptides and botanical extracts renowned for their anti-ageing and skin-enhancing effects
- Contains HylaFuse - 3 molecular weight hyaluronic acid; clinically proven to be absorbed 150% more effectively than other forms of hyaluronic acid
- Performance ingredients: vitamin A (retinaldehyde), vitamin E, centella asiatica extract, copper peptides

**MG-R.A.S.** can be used as a stand-alone formulation or blended at a ratio of 1:1 with **MG-HA35** for targeted hydration infusion for visibly plumper, radiant skin and to help reduce the appearance of fine lines and wrinkles.

## PERFORMANCE INGREDIENTS

### Highest Form Of Retinoid Without A Prescription

#### RETINALDEHYDE (Vitamin A)

pH 5.5

Retinaldehyde is considered the most active form of retinoid (vitamin A) that does not require a prescription. Retinaldehyde (retinal) can be converted by the body to either retinoic acid or retinol. It has a far greater skin tolerance when compared to topically applied retinoic acid (tretinoin) or retinol. The risk of retinoid reaction is significantly reduced. Unlike retinol, studies indicate that retinal possesses many of the skin transformative properties of retinoic acid. This includes the promotion of collagen production; the regulation of cellular differentiation and proliferation; an increase in epidermal thickness; and an increase of glycosaminoglycans (GAGs) deposition, which promotes the ability of the collagen and elastin fibres to retain moisture. Studies support retinaldehyde's inherent potency, claiming that it would require 20% retinol to mimic the effects of just 0.05% retinal. The specific conversion process of retinal, allows for a high concentration and absorption of vitamin A into the skin with reduced skin inflammation and reaction.

Retinaldehyde increases cellular turnover while slowing down melanosome transfer for balanced melanogenesis. Perhaps the most important attribute possessed by retinal is its ability to reverse collagen alteration induced by UVA exposure. This process effectively reverses, prevents and repairs extrinsic ageing of the skin. As retinaldehyde attaches to cellular retinoid receptors, it further enables regulated cell shape and form.

#### Retinaldehyde Benefits:

- » better tolerated than retinoic acid, making it a good option for those with sensitive or delicate skin
- » effectively improves and regulates cellular activity to visibly reduce discolouration and fine lines, wrinkles and rough skin
- » improves skin tone and radiance for generally younger-looking skin
- » balances sebaceous (oil) production, shrinking the skin's pores to prevent them from becoming clogged and inflamed
- » improves the feel of firmness and elasticity.

## PERFORMANCE INGREDIENTS

### CENTELLA ASIATICA EXTRACT

Sourced from a perennial herb that grows primarily in Asia, this is a popular ingredient in Korean skincare and also goes by the names tiger grass, Asiatic pennywort, gotu kola, and its nickname 'cica'. It has anti-inflammatory properties to help soothe and heal compromised skin, such as burns, eczema and psoriasis.

#### Centella Asiatica Benefits:

- » high in antioxidants
- » rich source of amino acids
- » helps to mitigate UV-induced hyperpigmentation
- » collagen generating capacity
- » rich in anti-ageing properties – vitamins A, C, B1, B2, carotene and niacin.

### DARUTOSIDE

Darutoside is obtained from siegesbeckia orientalis. It has regenerating cell, anti-inflammatory and wound healing properties, which is why it is used in the treatment of stretch marks. It is also used to assist with firming the skin and as an anti-ageing agent. It promotes the production of collagen.

#### Darutoside Benefits:

- » anti-inflammatory
- » helps to restructure the dermal extracellular matrix
- » improves the appearance of scars and stretch marks
- » promotes the production of collagen.

### CONTAINS HYLAFUSE™ COMPLEX

HylaFuse Complex is Dp Dermaceutical's own uniquely developed hyaluronic acid (HA) formulation. It enhances the delivery of biologically active HA and key performance active ingredients to deeper skin levels for visibly enhanced anti-ageing and corrective results.

- HylaFuse is clinically proven to be absorbed 150% more effectively than other forms of HA for maximum skin absorption.
- Products containing HylaFuse Complex continue delivering water and active ingredients up to eight hours after application.
- It contains three molecular sizes of HA, the smallest of which can penetrate the deepest layers of the skin.

See Page 20 of THE REWRITTEN SKIN JOURNEY for more information on this remarkable technology.

### FULL INGREDIENTS LIST - MG-R.A.S.

Water, Glycerin, Lentinus Edodes Mycelium Extract, Butylene Glycol, Sodium Hyaluronate, Hyaluronic Acid, Methylglucoside Phosphate, Copper Lysinate/Prolinate, Pentapeptide-18, Retinaldehyde, Copper tripeptide-1/ Bis(tripeptide-1) copper acetate, Azadirachta Indica (Neem) Extract, Darutoside, Centella Asiatica Extract, Tocopheryl Acetate, Polysorbate 20, Xanthan Gum, Phenoxyethanol, Caprylyl Glycol, Ethylhexylglycerin.

Active Ingredient	Concentration
HylaFuse Hyaluronic Acid	10mg/ml
Retinaldehyde	0.1%
Copper peptides	2.5%
Pentapeptide 18 (Argirelox)	3%

Active Ingredient	Concentration
Darutoside	2.5%
Centella Asiatica	3%
Shiitake mushroom	5%
Other: Neem & Vitamin E	≤1%