

For the use of a Registered Medical Practitioner or a Hospital
or a Laboratory only.

Glycolic Acid Cream 6% w/w

Glyco 6 ग्लाइको ६

Composition:

Glycolic Acid 6% w/w
in a cream base

Properties:

Glycolic Acid is the first member of the family of alpha hydroxy acids with the molecular formula $C_2H_4O_3$. Its molecular weight is 76.05. This monobasic acid is biodegradable.

Mode of action:

Glycolic Acid (AHA) acts as a humectant when applied to the skin, and topical application of the same at low concentration reduces the thickness of hyperkeratotic stratum corneum by diminishing the corneocyte adhesion at the lower level of the stratum corneum. This property permits efficient clinical control of dry skin, ichthyosis, follicular hyperkeratosis and other conditions characterized by retention of stratum corneum. AHA's are said to diminish corneocyte adhesion by interference with the formation of ionic bonds and this action is mediated by interference with the function of enzymes that form O-S and O-P linkages of sulfate and phosphate bonds respectively¹. The therapeutic result of AHA is promoting a thinner stratum corneum is not only to improve the skin surface cosmetically but also to improve the flexibility of the stratum corneum.

Continued use of low AHA concentrations can effectively reduce fine wrinkles and improve the appearance of age and photo-damaged skin. Topical AHA might turn on biosynthesis of dermal glycosaminoglycans and other intercellular ground substance that could be responsible for the eradication of fine wrinkles². An important clinical relevance to the control of hyperkeratinization is that the sustained application of moderate concentration of an AHA prevents rethickening of the stratum corneum after its cortical dysjunction. Maintenance applications are particularly important to the sustained control of dry skin, ichthyosis, acne, age spot keratoses and in maintaining a smooth surface of the skin prone to superficial wrinkling or fissuring³.

Indications:

Dry scaly skin (Xerosis), disorders of keratinization-Icthyosis /Verrucae / Keratosis of all types, adjunctive treatment of acne and hyperpigmentation, skin aging (wrinkles, dull and rough appearance of skin, loss of suppleness) either due to sun, photoinduced, physiological, specific or hormonal.

Contra-indications:

Known hypersensitivity to any of the label ingredients.

Instructions for use:

Apply once daily during the first week, and then twice daily. Glyco 6 can be used alone, or as an adjunct to other treatments. Glyco 6 suits to all types of skin.

Warnings:

External use only.

Avoid any contact with the eyes, in such case, rinse with water. Slight stinging sensation, or diffuse redness may occur initially. They are a sign of the activity of the cream and generally disappear after a few days.

Presentation :

Available as tube of 30g.

Storage:

Store in a dry & dark place, at a temperature not exceeding 30°C.

Keep out of reach of children.

References:

1. Eugene. J, Van Scott; et. alpha hydroxy acids Cutis: Vol 43, March 1989,222-228.
2. Van Scott, Yu et al , Journal of American Academy of Dermatology, Vol 11; November 1984,867-879.
3. Eugene J; Van Scott et al, Canadian Journal of Dermatology, Vol 1, No 5 Nov/Dec 1989,108-112.

Made in India by :

ML12I-1410/D



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