

Glycolic Acid

INCI Name: Glycolic acid

CAS Numbers: 79-14-1

Description:

Glycolic acid is used in many personal care and cosmetics products, and is the most popular active ingredient in anti-aging formulations. It stimulates cellular activity on the skin, reducing the appearance of fine lines and wrinkles. Once applied, glycolic acid reacts with the upper layer of the epidermis, weakening the binding properties of the lipids that hold the dead skin cells together. This allows the stratum corneum to be exfoliated, exposing live skin cells. It is also proven to offer unique advantages in hair care with the proven ability to penetrate the hair shaft, causing significant benefits to hair moisturization, softness, strength and manageability.



Technical Data:

Test/Property	Specification
Water %	28.00 TO 30.00
Appearance at 25° C	Clear, colorless liquid
Color, APHA	15 MAX
Glycolic Acid (%)	70 MIN
Formic Acid (%)	0.01 MAX
Iron	2 ppm MAX

Applications:

Glycolic acid is used to improve the skin's appearance and texture. It may reduce wrinkles, acne scarring, hyperpigmentation and improve many other skin conditions, including actinic keratosis, hyperkeratosis, and seborrheic keratosis. It is used industrially to remove rust.



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