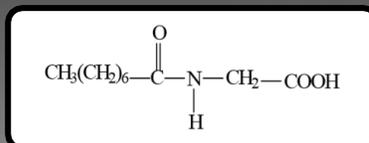


Glycine is an important physiological substance. It is one of the main components of dermal structural protein, collagen, and it plays an extremely important role in the skin, especially in the metabolism of skin cells and skin moisturization. Glycine is also a very important component of proelastin, a precursor of elastin; responsible for providing skin with smoothness, resiliency and elasticity.

ARG-CG Capryloyl Glycine is a lipid amino acid obtained by acylation of glycine to the octanoyl fatty chain.

ARG-CG Capryloyl Glycine is a multifunctional and highly versatile material that can be used in a variety of formulations:

- Antiaging
- Moisturizing
- Dandruff control
- pH balancing
- Soothing



- Highly Moisturizing
- Collagen stimulating
- Clarifying
- Anti-acne /Sebum control
- Enhanced antiseptic effect

ACTIVITY

- pH balancing, restoring and maintaining mild acidity, thus protecting skin lipids and promoting the skin's natural microecosystem for optimal barrier properties
- Conditioning effect on skin, hair and scalp, improving moisture retention, minimizing the appearance of dry flakes and restoring smoothness and softness
- Antiaging effect by stimulating collagen and elastin production: minimizing wrinkles, improving skin firmness and elasticity
- Sebum balancing, helping to regulate overproduction and secretion
- Enhances the antiseptic effect of cosmetics: broad-spectrum antibacterial activity, including efficacy against gram positive and gram-negative bacteria, yeast, fungi and certain mycobacteria. Research has shown that the use of ARG-CG Capryloyl Glycine can dramatically reduce the need for added preservative to your formulation

PROPERTIES

INCI	Capryloyl Glycine
CAS	14246-53-8
EINECS	238-122-3
Molecular Formula	C ₁₀ H ₁₉ NO ₃
Use Level	0.5-2.0%
Appearance	White or similar crystal powder
Odor	Odorless
Solubility	Lipid
Identification	Infrared spectrogram- To comply with standard
Melting Point (°C)	105.0 ~ 109.0
Acid Value (mgKOH/g)	265 ~ 300
Loss on drying (%)	≤1.0
Burn Residue (%)	≤0.1
Heavy Metal (%)	≤0.002
Content (%)	≥98

The information provided is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

July 11, 2019