

CLINICAL DATA – SODIUM PCA

Sodium

Synergie Minerals™ is always at the forefront of leading edge scientific skin care technology.

What is NaPCA?

Sodium PCA (Sodium-2-pyrrolidone carboxylate) is hygroscopic, attracting moisture from the air. It is used as a moisturiser (humectant) for hair and skin care products.

It is derived from amino acids and is highly water absorbing. Due to its moisture-binding ability, it significantly increases the skin's softness when added to products.

It is a stronger hydrating agent than the traditional compounds used for this purpose, such as glycerine and sorbitol.

Is NaPCA natural?

Sodium PCA is a naturally occurring humectant in human skin, partly responsible for the skin's moisture-binding capacity and a part of the "natural moisturizing factors" (NMF) that maintain a healthy epidermis.

Who needs NaPCA?

NaPCA is ideal for all skin types as it maintains normal moisture levels in the skin. It is even recommended for oily skin and aids in retaining moisture on the skin without the addition of extra oils in products. It is non-comedogenic, nonirritating to the eye and skin and does not contribute to photo toxicity or allergic sensitisation. It is also rapidly biodegradable so has a positive impact on the environment.