

## Product Specification

### Sodium PCA 50%

General Information	
<b>Products name</b>	Sodium PCA 50%
<b>INCI</b>	Sodium PCA
<b>Cas No</b>	54571-67-4
<b>Appearance</b>	Clear, syrupy liquid
<b>Solubility</b>	Soluble in water and ethanol and insoluble in oils
<b>Typical usage rate</b>	0.2 - 2.5% in leave-on products, up to 3% in rinse-off products
<b>Standard</b>	GMP, Kosher, HALAL, ISO9001, HACCP
ADDITIONAL INFORMATION	
<b>Product Description</b>	<p>Sodium PCA is the sodium salt of pyroglutamic acid (also known as PCA). PCA is a naturally occurring component of human skin and a part of the "natural moisturizing factors" (NMF) that maintain a healthy epidermis. Sodium PCA is very hygroscopic, attracting moisture from the air.</p> <p>This PCA is sourced from all-natural, vegetable-based ingredients; it contains no animal-based ingredients of any kind.</p>
<b>Benefits</b>	<ul style="list-style-type: none"> <li>● a humectant</li> <li>● a film former</li> <li>● an important moisture booster</li> <li>● a potent anti-inflammatory</li> <li>● it has moisture-binding properties</li> <li>● it has anti-ageing properties, plumping and smoothing</li> <li>● it increases the permeability of certain ingredients</li> </ul>
<b>Applications</b>	<p>Sodium PCA applied to the skin is absorbed to a limited extent. ... Soluble in water and ethanol and insoluble in oils, it is used for its powerful humectant properties in many skin and hair care products including gels, creams, lotions, shampoos, conditioners, lipsticks and foundations</p>
<b>Packaging</b>	<p>25kg / drum; paper drum, 5kg / PE-bag; 1kg / PE-bag                      Inner-Packaging filled in PE-bag, filled in second PE bag                      PE Bags: food grade</p>
<b>Shelf life</b>	<p>2 years when properly stored                      Store at room temperature or lower, keep tightly closed, protect from light, humidity and insects</p>