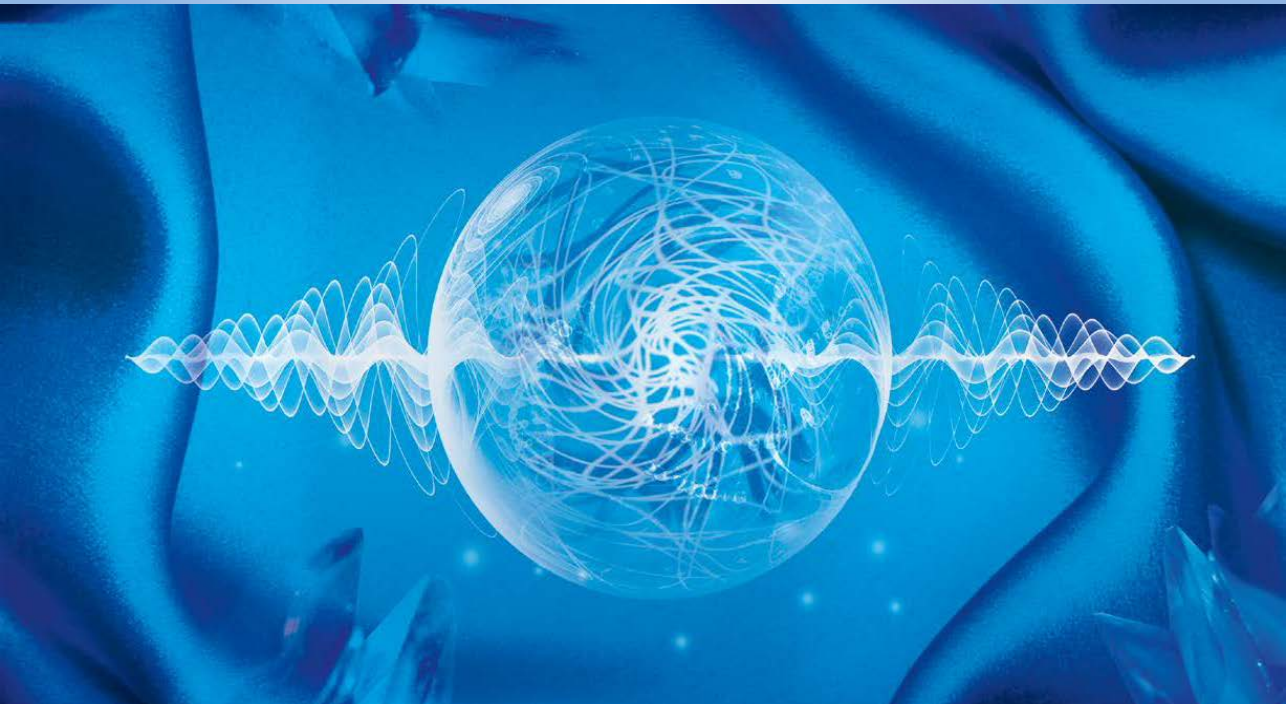


SILK PEP®

Antioxidant / Softening product



“ BEAUTY OF THE FUTURE ”

 **Sollice**
BIOTECH

SILK PEP®

"Take advantage of the silk's benefits"
From natural silk

INGREDIENT DESCRIPTION

SUBSTANCE (INCI)	CAS N°	EINECS N°	%
Hydrolyzed Silk	96690-41-4	306-235-8	Single component



FOCUS ON THE PRODUCT

The Fibroin is highly compatible with the skin and keeps many of the silk properties¹. SILK PEP® is an active ingredient composed of peptides obtained by partial hydrolysis of natural silk Fibroin.

SILK PEP® provide significant antioxidant benefits to the skin².

SILK PEP® forms a protective film of silk peptides which protects from injurious effects. It retains moisture and gives a softness touch³.

SILK PEP® leaves the hair and the skin feeling soft and gives a silky feeling to cosmetic formulations. It is recommended for mascara or other brow and lash application.

¹ Sashina et al., *Structure and solubility of natural Silk Fibroin*, *Russian Journal of Applied Chemistry*. 2006

² Zhu et al., *Antioxidant activity of Silk Fibroin peptide hydrolyzed by pancreatin*, *Advanced Materials Research*. 2014.

³ Daithankar et al., *Moisturizing efficiency of silk protein hydrolysate: Silk Fibroin*, *Indian Journal of Biotechnology*. 2005.



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FORMULATION

Formulation	Water-in-oil / oil-in-water emulsion Add in final stage of formulation Completely soluble in water
Conditions of use	T < 40°C pH range 4-7
Particularities	No known incompatibility

ACTIVITIES

- Antioxidant
- Moisturizer
- Leads to soft feeling of hair

APPLICATIONS

- > Body care
- > Hair care
- > Make up

TECHNICAL INFORMATION

INCI NAME > Hydrolyzed Silk

ASPECT > Off white (ivory) to beige powder

SOLUBILITY > Water soluble

DOSE OF USE >



FOR COSMETIC USE ONLY

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