

PRODUCT SPECIFICATION

-Standard Specification-

SILK POWDER

CAS: 9009-99-8

INCI: Serica powder (proposed)

Test Items	Specification
Characteristics	Powder, white or light yellow, odorless
Nitrogen (%)	≥ 13
Polarity Collateral Amino Acid Proportion	-> 70
Weight loss drying	< 6
Residue on Ignition (%)	≤ 4
Heavy metals (Pb, mg/kg)	≤ 10
As (mg/kg)	≤ 1
pH value	5.0 – 7.0 (1% in water)
Solubility	Water soluble
Pathogenic bacteria	Can't be detected

Storage: Store in a cool and dry area, do not freeze, keep away from direct light

Packing: Packed in drum and plastic-bags inside, 500g/bag

Shelf life: Two years when stored properly

Recommended dose of use: 0,5 - 3%

GMO-free, do not contain allergens that are listed in the European Cosmetic directive

Use of silk powder

Silk powder has unique affinity with other proteins which allows it to bind very effectively to the proteins of **skin and hair** to form a multifunctional protective film. Thanks to its properties, Silk powder can be used in creams, face masks, anti-ageing fluids and gels, face moisturizers and nutrients, eye zone, lip and body creams, as well as in bath and shower products.

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Silk powder is perfect for use in hair product formulations such as shampoo, balsam and restructuring treatments. It is particularly suitable for specialised products for treated and damaged hair. By applying it, the hair can be soft and flexible, and it also benefits for the shaping of hair.

The recommended percentage of use varies from 0.5 % to 3%.

One characteristic feature of Silk powder is its opalescence, which results from its light scattering effect.

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