

Product Information

Product Data Sheet

SETAKOL® PF

Product code: 5037859

Description

SETAKOL® PF is an aqueous amber-colored solution of the hydrolyzed silk glycoprotein sericin for cosmetic use.

Product identification

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Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Hydrolyzed Sericin	5 - 10%	73049-73-7	none
Aqua	> 50%	7732-18-5	231-791-2
Phenoxyethanol ¹⁾	0.1 - 1%	122-99-6	204-589-7
Ethylhexylglycerin	< 0.1%	70445-33-9	408-080-2

¹⁾ regulated as preservative in cosmetics in some countries, e.g. Europe, China, Japan

Specifications

Appearance:	clear to slightly opalescent, amber colored liquid
pH:	4.5 - 5.5
Residue on drying:	7.0 - 9.0% m/m
Nitrogen, total:	1.07 - 1.39% m/m
Sericin content:	7.0 - 9.0% m/m
Relative density d _{20/20} :	1.020 - 1.050
Refractive Index n ₂₅ :	1.347 - 1.351
Total Viable Aerobic Count:	
Total Aerobic Microbial Count (TAMC):	≤ 100 CFU / ml
Total Yeast/Molds Count (TYMC):	≤ 100 CFU / ml
Specified microorganisms:	Absence in 1 ml

Solubility

SETAKOL® PF is soluble in water.

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Stability and storage

SETAKOL® PF may be stored for at least 24 months in the original sealed containers protected from light in a clean place at a temperature between 15 and 25°C. The 'Best use before' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, containers should be handled with special care.

Uses

SETAKOL® PF is a cosmetic ingredient for skin and hair care products. SETAKOL® PF can be processed either with warm (< 80°C) or cold, and should be incorporated into the aqueous phase of a cosmetic formulation. In scalp and hair care preparations, the addition of 2 to 5% SETAKOL® PF is recommended.

Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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