

Product Information

Product Data Sheet

SETAKOL® PF

Product code: 5037859

Description

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

Product identification

Product code: 5037859

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 coloured 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 aerobic mesophile plate count:	< 100 CFU / ml
Specified microorganisms:	not detectable in one milliliter

Solubility

SETAKOL® PF is soluble in water.

Product Information

Product Data Sheet

SETAKOL® PF

Product code: 5037859

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.

Product Information

Product Data Sheet

SETAKOL® PF

Product code: 5037859

Additional information

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

DSM Nutritional Products Ltd Product Management Building 241 PO Box 2676 CH-4002 Basel Switzerland	Tel.: +41 (0) 61 815 8899 Internet www.dsmnutritionalproducts.com
DSM Nutritional Products LLC 45 Waterview Boulevard Parsippany, NJ 07054-1298	Tel.: +1 (800) 526 0189 (Human Nutrition, Personal Care) Tel.: +1 (800) 451-8325 (Animal Nutrition) Internet www.unlimitednutrition-na.dsm.com
DSM Nutritional Products Europe Ltd. PO Box 2676 CH-4002 Basel Switzerland	Tel.: +41 (0) 61 815 7777 Internet www.unlimitednutrition-eu.dsm.com
DSM Singapore Industrial Pte Ltd. trading as DSM Nutritional Products Asia Pacific 30 Pasir Panjang Road #13-31 Mapletree Business City Singapore 117440	Tel.: + (65) 66326500 Internet www.dsmnutritionalproducts.com
DSM Nutritional Products China No. 476, Li Bing Road Zhangjiang High-Tech Park Pudong Area, Shanghai 201203 P.R. of China	Tel.: + 86 (0)21 6141 8188 Internet www.dsmnutritionalproducts.cn
DSM Produtos Nutricionais Brasil S.A. Avenida Engenheiro Billings, nº 1729 - Prédio 31 Sala A CEP:05321-010 São Paulo - SP Brasil	Tel.: + 55 (11) 3760-6300 Internet www.dsmnutritionalproducts.com

This document is valid without signature. AddInfo

Disclaimer: The information contained herein is to the best of our knowledge accurate. However, we refuse any liability for the application and use of further processed material containing our product. Solely the producer of the final product has to assume full responsibility according to the relevant local regulations. The content of this document is subject to change without further notice unless otherwise agreed in writing. Please consult your local representative or one of DSM's websites at <https://webshop.dsm.com> for the latest version of this document or the latest information.