

Product Information

Product Data Sheet

REGU®-AGE PF

Product code: 5038277

Description

REGU®-AGE PF is an aqueous solution of specially purified soy and rice peptides and yeast-derived superoxide dismutase for cosmetic products.

Product identification

Product code: 5038277

Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Glycine Soja (Soybean) Protein	0.1-1%	9010-10-0	232-720-8
Hydrolyzed Rice Protein	5-10%	100209-45-8 156715-40-1	309-353-8
Superoxide Dismutase ¹⁾	0.1-1%	9054-89-1	232-943-0
Glycerin	10-25%	56-81-5	200-289-5
Aqua	>50%	7732-18-5	231-791-2
Phenoxyethanol ²⁾	0.1-1%	122-99-6	204-589-7
Sodium Benzoate ²⁾	0.1-1%	532-32-1	208-534-8
Potassium Sorbate ²⁾	<0.1%	24634-61-5	246-376-1
Sodium Dextran Sulfate	<0.1%	9011-18-1	none

¹⁾ contains traces of Tromethamine (<65 ppm)

²⁾ regulated as preservative in cosmetics in some countries, e.g. Europe, China, Japan

Specifications

Appearance:	yellowish to amber coloured, clear to turbid solution
pH:	5.3 - 6.3
Relative density d _{20/20} :	1.055 - 1.090
Refractive index n ₂₅ :	1.366 - 1.370
Identity by HPTLC:	characteristic chromatogram; corresponds to reference

Product Information

Product Data Sheet

REGU®-AGE PF

Product code: 5038277

Collagenase inhibitory activity:	> 10 CoIU ¹ / ml
Inhibitor activity:	> 5 EIU ² / ml
SOD activity:	> 1000 ORU ³ / ml
Total Viable Aerobic Count:	
Total Aerobic Microbial Count (TAMC):	≤ 100 CFU / ml
Total Yeast/Moulds Count (TYMC):	≤ 100 CFU / ml
Specified microorganisms:	Absence in 1 ml

Comments: ¹CoIU = Collagenase Inhibitor Unit
 ²EIU = Elastase Inhibitor Unit
 ³ORU = Oxido Reductase Unit

Solubility

REGU®-AGE PF is soluble in water.

Stability and storage

REGU®-AGE PF may be stored for at least 24 months from the date of manufacture in the unopened original container protected from light in a clean and cool place at a temperature between 2 and 8°C. Slight precipitations are possible during storage. Shake or stir well before use. 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

REGU®-AGE PF is a cosmetic ingredient for skin care products. REGU®-AGE PF should be processed below 40°C and is incorporated into the aqueous phase of a cosmetic formulation. For skin care preparations, the addition of 2 to 5% REGU®-AGE PF is recommended. Basic Guide Formulations are available upon request.

Safety

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

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

Product Information

Product Data Sheet

REGU®-AGE PF

Product code: 5038277

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.

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.