

Product Information

Product Data Sheet

SYN®-COLL

Description

SYN®-COLL is a patented tripeptide for cosmetic application, easy to formulate with. The tripeptide is esterified with palmitic acid. The unique sequence is Palm-Lys-Val-Lys. SYN®-COLL does not contain preservatives.

Product identification

Product code: 50 3574 0

Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Palmitoyl Tripeptide-5	0.1-1%	623172-56-5	none	Palmitoyl-lysyl-valyl-lysine bistrifluoroacetate salt
Glycerin	> 50%	56-81-5	200-289-5	Glycerin
Aqua	25-50%	7732-18-5	231-791-2	Water

Specifications

Appearance:	clear to slightly opaque, colourless to yellowish, viscous liquid
Relative density d _{20/20} :	1.150 - 1.220
Refractive index n ₂₅ :	1.410 - 1.440
Peptide content:	900 - 1300 ppm
Total aerobic mesophile plate count:	< 100 CFU / ml
Specified microorganisms:	not detectable in one milliliter

Solubility

SYN®-COLL is soluble in water.

Stability and storage

SYN®-COLL may be stored for at least 48 months from the date of manufacture in the unopened original container protected from light in a clean place and at a temperature between 2 and 8°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, the content of the containers should be used immediately since SYN®-COLL does not contain any preservatives.

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Uses

SYN[®]-COLL is a cosmetic ingredient for skin care products. SYN[®]-COLL can be processed either warm (for maximum 2 hours at 80°C) or cold. For skin care preparations, the addition of 1 to 3% SYN[®]-COLL is recommended. Basic Guide Formulations are available upon request.

Patent Information

DSM Nutritional Products Ltd. holds the patent rights for the production and topical application of SYN[®]-COLL.

Safety

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

Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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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