

Product Information

Product Data Sheet

SYN[®]-TACKS

Description

SYN[®]-TACKS is a patented peptide complex for cosmetic application, easy to formulate with. It is composed of the tripeptide Palm-Lys-Val-Dab and the tetrapeptide Palm-Lys-Val-Dab-Thr. SYN[®]-TACKS does not contain intentionally added substances regulated/listed as preservative.

Product identification

Product code: 50 3833 2

Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Palmitoyl Dipeptide-5 Diaminobutyroyl Hydroxythreonine	0.1-1%	883558-32-5	none	Palm-Lys-Val-Dab-Thr
Palmitoyl Dipeptide-5 Diaminohydroxybutyrate	0.1-1%	794590-34-4	none	Palm-Lys-Val-Dab
Glycerin	> 50%	56-81-5	200-289-5	Glycerin
Aqua	25-50%	7732-18-5	231-791-2	Water

Specifications

Appearance:	slightly turbid to turbid, colourless to yellowish liquid with slightly viscous to gelatinized consistency
Relative density d _{20/20} :	1.150 - 1.220
Refractive index n ₂₅ :	1.400 - 1.460
Peptide content	≥ 3600 ppm
Total aerobic mesophile plate count:	< 100 CFU / ml
Specified microorganisms:	not detectable in one milliliter

Solubility

SYN[®]-TACKS is miscible with water.

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Stability and storage

SYN[®]-TACKS 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, containers should be handled with special care.

Uses

SYN[®]-TACKS is a cosmetic ingredient for skin care products. SYN[®]-TACKS can be processed either warm (for maximum 2 hours at 80°C) or cold. For skin care preparations, the addition of 1% SYN[®]-TACKS 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[®]-TACKS.

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.

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