

Product Information

Product Data Sheet

SYN-STAR™

Description

SYN-STAR™ is a patented tripeptide for cosmetic application, easy to formulate. The exclusive sequence of the amino acids is Ala-Pro-Dab. SYN-STAR™ does not contain intentionally added substances regulated as preservatives.

Product identification

Product code: 50 3834 4

Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Dipeptide Diaminobutyroyl Benzylamide Diacetate	0.1-1%	823202-99-9	none	H-B-Ala-Pro-Dab- NHBzl x 2AcOH
Glycerin	> 50%	56-81-5	200-289-5	Glycerin
Aqua	25-50%	7732-18-5	231-791-2	Water

Specifications

Appearance:	clear, colourless to yellowish, viscous liquid
pH:	4.5 - 5.5
Relative density d _{20/20} :	1.150 - 1.210
Refractive index n ₂₅ :	1.410 - 1.440
Peptide content:	2000 - 3000 ppm
Total aerobic mesophile plate count:	< 100 CFU / ml
Specified microorganisms:	not detectable in one milliliter

Solubility

SYN-STAR™ is miscible with water.

Stability and storage

SYN-STAR™ 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 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, the content of the containers should be used immediately.

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Uses

SYN-STAR™ is a cosmetic ingredient for skin care products. SYN-STAR™ can be processed either warm (for maximum 2 hours at 70 °C) or cold. For skin care preparations, the addition of 1 to 4% SYN-STAR™ 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-STAR™.

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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