

Product Information

Product Data Sheet

SYN[®]-HYCAN

Description

SYN[®]-HYCAN is a patented synthetic tripeptide for cosmetic application, easy to formulate with. The unique structure is Tetradecylaminocarbonyl-Dab-Val-Dab. SYN[®]-HYCAN does not contain intentionally added substances regulated/listed as preservative.

Product identification

Product code: 50 3833 3

Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Tetradecyl Aminobutyroylvalyl- aminobutyric Urea Trifluoroacetate	0.1-1%	934368-60-2	none	Tetradecylamino- carbonyl-Dab-Val- Dab bistrifluoroacetate salt
Glycerin	> 50%	56-81-5	200-289-5	Glycerin
Aqua	25-50%	7732-18-5	231-791-2	Water
Magnesium Chloride	0.01-0.1%	7786-30-3	232-094-6	Magnesium Chloride

Specifications

Appearance:	opalescent to hazy, 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[®]-HYCAN is miscible with water.

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Stability and storage

SYN[®]-HYCAN may be stored for at least 36 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 handled with special care.

Uses

SYN[®]-HYCAN is a synthetic peptide for skin care products. It can be processed either warm (for maximum 2 hours at 80°C) or cold and should be incorporated into the aqueous phase of a cosmetic formulation. For skin care preparations, the addition of 2.5% SYN[®]-HYCAN 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[®]-HYCAN.

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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