

## Product Information

### Product Data Sheet

# SYN<sup>®</sup>-HYCAN

## Description

SYN<sup>®</sup>-HYCAN is a patented synthetic tripeptide for cosmetic application, easy to formulate with. The unique structure is Tetradecylaminocarbonyl-Dab-Val-Dab. SYN<sup>®</sup>-HYCAN does not contain preservatives.

## Product identification

Product code: 50 34736

(previous Pentapharm code: 801202)

### Composition

INCI name	Content	CAS No.	EINECS/ELINCS	Chemical name
Tetradecyl Aminobutyroylvalylami nobutyric Urea Trifluoroacetate	0.1-1%	934368-60-2	none	Tetradecylaminoca r-bonyl-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 (20°C):	1.150-1.220
Refractive index (25°C):	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<sup>®</sup>-HYCAN is soluble in water.

## Stability and storage

SYN<sup>®</sup>-HYCAN may be stored for at least 24 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.

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## Uses

SYN<sup>®</sup>-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<sup>®</sup>-HYCAN is recommended.

## Patent Information

DSM Nutritional Products Ltd. holds the patent rights for the production and topical application of SYN<sup>®</sup>-HYCAN.

## 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.

## 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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