

Technical Information

Nutrilan® I 50 BP

PRD 30567018

Valid since	04.12.2020
Revision	4.0
WF-No.	26070
Page	1 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals**Protein Product****INCI name(s)**

Hydrolyzed Collagen

Chemical description

Collagen Protein Hydrolysate

Physical form:

Amber to brown liquid with a characteristic inherent odor

CASR-No.	Ingredient
9015-54-7	Hydolyzed Collagen
65-85-0	Benzoic acid
122-99-6	Phenoxyethanol

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Test property	Specification	Test method
Appearance at room temperature	Corresponds to the standard	Internal method AX-001001
Odor at room temperature	Corresponds to the standard	Internal method AX-001002
Nitrogen	8.0 - 9.0 %	ISO 16634
Ash	0.1 - 3.0 %	ISO 6884
Dry substance (105°C; 15h; 10g)	50.0 - 52.0 %	ISO 1625
Color number (Gardner)	max. 12	DIN ISO 4630
pH value (20 °C; as is)	4.0 - 5.0	DIN ISO 4316



We create chemistry

Technical Information

Nutrilan® I 50 BP

PRD 30567018

Valid since 04.12.2020
Revision 4.0
WF-No. 26070
Page 2 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals

Storage information

Shelf life

24 months

Storage temperature

Between + 10 °C and + 40 °C.

Store frost-free.

Storage conditions

In original sealed containers and protected from moisture

Additional information

The freshly manufactured product may slightly glimmer; particularly during cold or frost this can lead to small deposits. However, this separation has no effect on the activity and further processing the product.

Stabilising additives / Auxiliaries

Preservatives

Benzoic acid and Phenoxyethanol

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Animal: (bovine hide collagen)

Technical Information

Nutrilan® I 50 BP

PRD 30567018

Valid since	04.12.2020
Revision	4.0
WF-No.	26070
Page	3 of 3

® = registered trademark of BASF in many countries ™ = Trademark of BASF

Care Chemicals**Composition hints for finished product label****INCI Components**

INCI Name (US/EU/CN)	Content
Hydrolyzed Collagen	45 - 55 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Phenoxyethanol	approx. 1 %
Benzoic Acid	approx. 0.2 %

Water Content

Content
45 - 55 %

Miscellaneous information**Example of use**

Nutrilan® I 50 BP belongs to the group of the collagen partial hydrolysates which display an excellent skin and mucus membrane compatibility. Nutrilan® I 50 BP can be applied to improve the dermatological characteristics of anionic surfactants in cosmetic skin preparations and hair shampoos. Particularly when applied in hair shampoos and aftertreatment agents the substantivity of Nutrilan® I 50 BP, depending on the degree of damage of hair, positively influences the hair characteristics.

Preservation note Protein hydrolyzates/derivatives in general may cause incompatibilities with Kathon CG (INCI Methylchloroisothiazolinone (and) Methylisothiazolinone) depending on concentration and pH.

Intended for use as cosmetic ingredient**Disclaimer**

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.