



Technical Information

Phytokeratin

Protein Product / Vegetable Derived

Valid since 15.09.2022

Revision 3.1

Page 1 of 3

INCI name(s)

Hydrolyzed Wheat Protein

Chemical description

Wheat protein hydrolysate

Physical form:

Light-colored powder with a slight inherent odor

CASR-No.

9015-54-7

100684-25-1

(70084-87-6)

Ingredient

Protein hydrolyzates

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	AX-001001
Odor at room temperature	Corresponds to the standard	AX-001002
Dry Substance (calculated 100 % - % water)	94.0 - 100.0 %	CP-002045
Water content	0.0 - 6.0 %	ISO 4317
pH value (20 °C; 10 % in water)	4.0 - 6.0	DIN ISO 4316
Nitrogen (based on dry substance)	13.5 - 15.8 %	CP-005023
Nitrogen (as is)	12.7 - 15.8 %	DIN ISO 16634
Ash content	0.1 - 3.0 %	ISO 6884

Ekokoza s.r.o.

Fryčovice 297, 73945, Fryčovice

IČ: 07508247, eshop@ekokoza.cz



Technical Information

Phytokeratin

Storage information

Storage temperature

max. + 20 °C

Storage conditions

In original sealed containers and protected from moisture

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis**Vegetable origin**

Plant:	Wheat
Botanical name:	Triticum
Part of plant utilized:	Grain
Primary region or country of origin:	Mainly France, Germany, Litauen
Wild or cultivated plants:	Cultivated
Genetically modified (GM) Status:	Non-GM (confirmed by supplier)
PCR testing:	No
Pesticides:	No information, however status information is available for derivative product

Ekokoza s.r.o.
Fryčovice 297, 73945, Fryčovice
IČ: 07508247, eshop@ekokoza.cz



Technical Information

Phytokeratin

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Hydrolyzed Wheat Protein

Content

Complete *

* Complete means conclusively describes the substance

Naturalness according to definitions for ingredients of ISO 16128

Natural origin: 100%

Product properties

Solubility

Ethylalcohol:	sparingly soluble
Paraffin oil:	practically insoluble
Water:	soluble

Miscellaneous information

Example of use

Suitable as a care additive for the application in personal care products, e.g. mild surfactant preparations, skin and hair care products.

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 Ekokoza s.r.o., does not constitute a legally binding obligation of Ekokoza s.r.o.. 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.