

Technical Information

Gluadin® WLM Benz

PRD 30537146

Valid since	15.01.2020
Revision	3.0
WF-No.	22420
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Care Chemicals**Protein Product / Vegetable Derived****INCI name(s)**

Hydrolyzed Wheat Protein

Chemical description

Wheat Protein Hydrolysate

Physical form:

Amber to brown liquid with characteristic inherent odor

CASR-No.	Ingredient
9015-54-7	Protein hydrolyzates
532-32-1	Sodium benzoate

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 (105 °C; 15 h; 10 g)	21.0 - 24.0 %	ISO 1625
pH value (20 °C; as is)	4.0 - 5.0	DIN ISO 4316
Nitrogen	2.6 - 3.6 %	ISO 16634
Ash	0.1 - 1.5 %	ISO 6884
Color Gardner	max. 16	DIN EN 4630



We create chemistry

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Care Chemicals

Storage information

Shelf life

24 months

Storage temperature

Between + 10 °C and + 40 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Slight precipitation and darkening are possible during storage.

Stabilising additives / Auxiliaries

Preservatives

Sodium benzoate

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: (wheat protein)

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

INCI Name (US/EU/CN)	Content
Hydrolyzed Wheat Protein	15 - 25 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Sodium Benzoate *	approx. 1.1 %

* At the pH-value of the product in question Benzoic Acid is likely to be present.

Water Content	Content
	75 - 85 %

Miscellaneous information**Example of use**

Gluadin® WLM Benz consists of low molecular wheat peptides obtained through enzymatical hydrolysis of wheat protein, which are able to penetrate the hair shaft deeply. In particular, it is therefore suitable for hair care products, which require effective repair and restructuring benefits. Recommended application concentration: 2.0 - 9.0 % (0.5 - 2.0 % AS)

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**

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