

## Technical Information

**Gluadin® Almond Benz**

PRD 30537437

Valid since 15.01.2020  
Revision 6.0  
WF-No. 22420  
Page 1 of 3

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**Care Chemicals****Protein Product / Vegetable Derived****INCI name(s)**

Hydrolyzed Sweet Almond Protein

**Chemical description**

Almond Protein Hydrolysate

**Physical form:**

Amber to brown liquid with a characteristic inherent odor

<b>CASR-No.</b>	<b>Ingredient</b>
100209-19-6	Almond, ext., hydrolyzed (oligomeric)
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.)

<b>Test property</b>	<b>Specification</b>	<b>Test method</b>
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)	22.0 - 24.0 %	ISO 1625
pH value (20 °C; as is)	4.0 - 5.0	DIN ISO 4316
Nitrogen	2.2 - 2.8 %	ISO 16634
Ash	0.5 - 2.8 %	ISO 6884

**Storage information****Shelf life**

24 months

**Storage temperature**

Between + 10 °C and + 40 °C

**Storage conditions**

In original sealed containers and protected from moisture

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**Care Chemicals****Stabilising additives / Auxiliaries****Preservatives**

Sodium benzoate

**Antioxidants**

not present

**Solvents**

not present

**Others**

not present

**General information****Raw material basis**

Vegetable: (almond meal (sweet almond))

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

INCI Name (US/EU/CN)	Content
Hydrolyzed Sweet Almond Protein	20 - 25 %

**Auxiliaries**

INCI Name (US/EU/CN)	Content
Sodium Benzoate *	approx 0.8 %

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

Water Content	Content
	75 - 80 %



We create chemistry

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**Care Chemicals**

### **Miscellaneous information**

#### **Example of use**

Gluadin® Almond Benz can be used in O/W and W/O emulsions, surfactant preparations and, with certain restrictions, also in transparent alcoholic/aqueous formulations. Typical concentration for use is 0.5-5 %.

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**

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