

## Safety data sheet

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BASF safety data sheet. This is a translation of the country-specific safety data sheet into a language other than that required by law. This document does not replace the safety data sheet provided according to Regulation (EC) No 1907/2006.

Date / Revised: 20.10.2022 Version: 8.0
Date previous version: 17.10.2022 Previous version: 7.0

Date / First version: 23.08.2012 Product: Gluadin® WQ PP

(ID no. 30537438/SDS

Date of print 18.11.2022

# SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

## Gluadin® WQ PP

UFI: WHS6-706G-E00N-TW75

## 1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: cosmetic ingredient

1.3. Details of the supplier of the safety data sheet

Company: BASF SE

**Operating Division Care Chemicals** 

## 1.4. Emergency telephone number

International emergency number: Telephone: +49 180 2273-112

to Regulation (EC) No 1907/2006.

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## **SECTION 2: Hazards Identification**

### 2.1. Classification of the substance or mixture

For the classification of the mixture the following methods have been applied: extrapolation on the concentration levels of the hazardous substances, on basis of test results and after evaluation of experts. The methodologies used are mentioned at the respective test results.

## According to Regulation (EC) No 1272/2008 [CLP]

Skin Corr./Irrit. 2 H315 Causes skin irritation. Eye Dam./Irrit. 2 H319 Causes serious eye irritation.

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

For the classifications not written out in full in this section the full text can be found in section 16.

#### 2.2. Label elements

According to Regulation (EC) No 1272/2008 [CLP]

Pictogram:





## Signal Word:

Warning

Hazard Statement:

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye protection or face protection.

P273 Avoid release to the environment.

Precautionary Statements (Response):

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical attention.

Precautionary Statements (Disposal):

P501 Dispose of contents and container to hazardous or special waste

collection point.

### 2.3. Other hazards

## According to Regulation (EC) No 1272/2008 [CLP]

No specific dangers known, if the regulations/notes for storage and handling are considered.

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Product does not contain a substance above legal limits included in the list established in accordance with Article 59(1) of Regulation (EC) No 1907/2006 for having endocrine disrupting properties or is identified to have endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## **SECTION 3: Composition/Information on Ingredients**

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

#### Chemical nature

Aqueous solution based on:Protein hydrolyzates, wheat germ, [3-(dodecyldimethylammonio)-2-hydroxypropyl], chlorides

### Regulatory relevant ingredients

Protein hydrolyzates, wheat germ, [3-(dodecyldimethylammonio)-2-hydroxypropyl], chlorides

Content (W/W): >= 15 % - < 35 % Skin Corr./Irrit. 2

Eye Dam./Irrit. 2 Aquatic Chronic 2 H319, H315, H411

2-phenoxyethanol

Content (W/W): >= 1 % - < 3 % Acute Tox. 4 (oral) CAS Number: 122-99-6 Eye Dam./Irrit. 1

EC-Number: 204-589-7 STOT SE 3 (irr. to respiratory syst.)

REACH registration number: 01- H318, H302, H335

2119488943-21

INDEX-Number: 603-098-00-9

For the classifications not written out in full in this section, including the hazard classes and the hazard statements, the full text is listed in section 16.

## **SECTION 4: First-Aid Measures**

## 4.1. Description of first aid measures

If adverse health effects develop seek medical attention.

If inhaled:

Fresh air.

On skin contact:

to Regulation (EC) No 1907/2006.

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After contact with skin, wash immediately with plenty of water and soap. Change contaminated clothing and shoes. Use approved skin lotions or creams to replenish skin oils.

#### On contact with eyes:

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water. Seek medical attention.

#### On ingestion:

Rinse mouth and then drink 200-300 ml of water.

## 4.2. Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far

Hazards: No hazard is expected under intended use and appropriate handling.

### 4.3. Indication of any immediate medical attention and special treatment needed

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

### **SECTION 5: Fire-Fighting Measures**

## 5.1. Extinguishing media

Suitable extinguishing media:

water spray, carbon dioxide, dry powder, foam

## 5.2. Special hazards arising from the substance or mixture

Endangering substances: harmful vapours

Advice: Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

### 5.3. Advice for fire-fighters

Special protective equipment:

Wear a self-contained breathing apparatus.

#### Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## **SECTION 6: Accidental Release Measures**

## 6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective clothing.

## 6.2. Environmental precautions

Do not discharge into drains/surface waters/groundwater.

## 6.3. Methods and material for containment and cleaning up

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

#### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

## **SECTION 7: Handling and Storage**

### 7.1. Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

## 7.2. Conditions for safe storage, including any incompatibilities

Suitable materials for containers: High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Below temperature limit the product properties will change. The property change is reversible by stirring and heating. Please refer to the product specific data sheet for further information.

Storage stability:

Storage temperature: 10 - 40 °C

Protect from temperatures below:10 °C

Characteristics of the product are reversibly changed when falling below the limit temperature.

Protect from temperatures above:40 °C

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## 7.3. Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

## **SECTION 8: Exposure Controls/Personal Protection**

## 8.1. Control parameters

Components with occupational exposure limits

122-99-6: 2-phenoxyethanol

## 8.2. Exposure controls

<u>Appropriate engineering controls</u>
No special precautions necessary.

### Personal protective equipment

Respiratory protection:

Respiratory protection not required.

#### Hand protection:

Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately. Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN ISO 374-1): fluoroelastomer (Viton)

## Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

#### Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

#### General safety and hygiene measures

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

## **SECTION 9: Physical and Chemical Properties**

### 9.1. Information on basic physical and chemical properties

State of matter: liquid

to Regulation (EC) No 1907/2006.

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Form: liquid
Colour: yellow
Odour: slight odour

Odour threshold:

not applicable

decomposition point: 205 °C

The substance / product

decomposes.

boiling temperature: > 101 °C
Flammability: not flammable
Flammability of Aerosol Products:

not applicable, the product does not form flammable aerosoles

Lower explosion limit:

For liquids not relevant for classification and labelling.

Upper explosion limit:

For liquids not relevant for classification and labelling.

Flash point: > 101 °C

Aqueous preparation

Auto-ignition temperature:

not determined

Thermal decomposition: No decomposition if stored and handled as prescribed/indicated.

pH value: 6.0 - 7.5 (ISO 4316)

(20 °C) (undiluted)

Viscosity, kinematic:

not determined

Viscosity, dynamic:

not determined

Solubility in water: soluble

Solubility (qualitative) solvent(s): distilled water

soluble

Partitioning coefficient n-octanol/water (log Kow):

not determined

Vapour pressure: 23.4 hPa

(20 °C)

Information based on the main component/s., Literature data.

Density: 1.091 g/cm3

(20 °C)

1.075 g/cm3 (DGF C-IV 2; QP1100.0;

(55 °C) Density)

Relative vapour density (air):

not applicable

#### 9.2. Other information

## Information with regard to physical hazard classes

**Explosives** 

to Regulation (EC) No 1907/2006.

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Explosion hazard: not explosive

Oxidizing properties

Fire promoting properties: not fire-propagating

Other safety characteristics

Other Information: If necessary, information on other physical and chemical parameters is

indicated in this section.

No further information available.

Evaporation rate:

Value can be approximated from Henry's Law Constant or vapor

pressure.

## **SECTION 10: Stability and Reactivity**

## 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

## 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3. Possibility of hazardous reactions

None if used for intended purpose.

## 10.4. Conditions to avoid

See SDS section 7 - Handling and storage.

## 10.5. Incompatible materials

Substances to avoid:

No substances known that should be avoided.

## 10.6. Hazardous decomposition products

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

## **SECTION 11: Toxicological Information**

## 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

to Regulation (EC) No 1907/2006.

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## Acute toxicity

Assessment of acute toxicity:

Virtually nontoxic after a single ingestion.

Experimental/calculated data: LD50 (oral): > 2,000 mg/kg

#### Irritation

Assessment of irritating effects: Eye contact causes irritation.

Skin contact causes irritation.

### Respiratory/Skin sensitization

Assessment of sensitization:

There is no evidence of a skin-sensitizing potential.

## Germ cell mutagenicity

Assessment of mutagenicity:

The chemical structure does not suggest a specific alert for such an effect.

### Carcinogenicity

Assessment of carcinogenicity:

The chemical structure does not suggest a specific alert for such an effect.

## Reproductive toxicity

Assessment of reproduction toxicity:

The chemical structure does not suggest a specific alert for such an effect.

### **Developmental toxicity**

Assessment of teratogenicity:

No data was available concerning toxicity to development.

## Specific target organ toxicity (single exposure)

to Regulation (EC) No 1907/2006.

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Assessment of STOT single:

Based on available data, the classification criteria are not met.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses.

#### Aspiration hazard

No aspiration hazard expected.

#### Interactive effects

No data available.

### 11.2. Information on other hazards

## Endocrine disrupting properties

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#### Other information

Other relevant toxicity information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## **SECTION 12: Ecological Information**

## 12.1. Toxicity

Assessment of aquatic toxicity:

to Regulation (EC) No 1907/2006.

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The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish: LC50 > 1 - 10 mg/l

Microorganisms/Effect on activated sludge: EC0 > 1 - 10 mg/l

## 12.2. Persistence and degradability

Assessment biodegradation and elimination (H2O): Poorly biodegradable. Easily eliminated from water.

## 12.3. Bioaccumulative potential

Assessment bioaccumulation potential: No data available.

## 12.4. Mobility in soil

Assessment transport between environmental compartments: Volatility: not applicable

#### 12.5. Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. Self classification

## 12.6. Endocrine disrupting properties

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#### 12.7. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

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## **SECTION 13: Disposal Considerations**

#### 13.1. Waste treatment methods

Must be disposed of or incinerated in accordance with local regulations.

## **SECTION 14: Transport Information**

#### Land transport

**ADR** 

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (HYDROXYPROPYLTRIMONIUM HYDROLYZED WHEAT

PROTEIN)

Transport hazard class(es): 9, EHSM Packing group: III Environmental hazards: yes

Special precautions for

user: None known

RID

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (HYDROXYPROPYLTRIMONIUM HYDROLYZED WHEAT

PROTEIN)

Transport hazard class(es): 9, EHSM Packing group: III Environmental hazards: yes

Special precautions for

None known

user:

### **Inland waterway transport**

ADN

UN number or ID number: UN3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (HYDROXYPROPYLTRIMONIUM HYDROLYZED WHEAT

PROTEIN)

Transport hazard class(es): 9, EHSM

to Regulation (EC) No 1907/2006.

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Packing group: III Environmental hazards: yes

Special precautions for None known

user:

Transport in inland waterway vessel

Not evaluated

### Sea transport

**IMDG** 

UN number or ID number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (HYDROXYPROPYLTRIMONIUM HYDROLYZED WHEAT

PROTEIN)

Transport hazard class(es): 9, EHSM

Packing group: III Environmental hazards: yes

Marine pollutant: YES

Special precautions for

user:

EmS: F-A; S-F

### Air transport

IATA/ICAO

UN number or ID number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,

N.O.S. (HYDROXYPROPYLTRIMONIUM HYDROLYZED WHEAT

PROTEIN)

Transport hazard class(es): 9, EHSM

Packing group: III Environmental hazards: yes

Special precautions for

None known

user:

#### 14.1. UN number or ID number

See corresponding entries for "UN number or ID number" for the respective regulations in the tables above.

## 14.2. UN proper shipping name

to Regulation (EC) No 1907/2006.

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See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

## 14.3. Transport hazard class(es)

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

## 14.4. Packing group

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### 14.5. Environmental hazards

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

## 14.6. Special precautions for user

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

### 14.7. Maritime transport in bulk according to IMO instruments

Maritime transport in bulk is not intended.

## **SECTION 15: Regulatory Information**

## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Prohibitions, Restrictions and Authorizations

Annex XVII of Regulation (EC) No 1907/2006: Number on List: 3

Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU): List entry in regulation: E2

#### 15.2. Chemical Safety Assessment

Advice on product handling can be found in sections 7 and 8 of this safety data sheet.

## **SECTION 16: Other Information**

Information on intended use: This product is of industrial quality and unless otherwise specified or agreed intended exclusively for industrial use. This includes the mentioned and recommended usage. Any other intended applications should be discussed with the manufacturer. In particular this concerns the application for products that are the object of special standards and regulations.

<u>Full text of the classifications, including the hazard classes and the hazard statements, if mentioned in section 2 or 3:</u>

Skin Corr./Irrit.

Skin corrosion/irritation

to Regulation (EC) No 1907/2006.

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Eye Dam./Irrit. Serious eye damage/eye irritation

Aquatic Chronic Hazardous to the aquatic environment - chronic

Acute Tox. Acute toxicity

STOT SE Specific target organ toxicity — single exposure

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H411 Toxic to aquatic life with long lasting effects.

H318 Causes serious eye damage.

H302 Harmful if swallowed.

H335 May cause respiratory irritation.

#### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer, IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code, IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

Vertical lines in the left hand margin indicate an amendment from the previous version.