

# Material safety data sheet

according to Regulation (EC) No. 1907/2006



Trade name: WORESANA®serum

Revised: 07-01-2022

Version: 2.1

Effective date: 07-07-2021

Replaces version: 2.0

## 1 Name of the mixture and the company

### 1.1 Product identifier

WORESANA®serum

### 1.2 Relevant identified uses of the mixture and uses advised against

#### Relevant identified uses

Cosmetic additive

### 1.3 Supplier details

#### Manufacturer / supplier

woresan GmbH

Hauptstraße 56 B

30916 Isernhagen FB

DE - Germany

Tel.: +49 5139 9887737 – Mo - Fr: 8:00 a.m. to 4:00 p.m.

E-Mail: [Benjamin.luppold@woresan.com](mailto:Benjamin.luppold@woresan.com)

### 1.4 Emergency numbers

Germany: 0551 19240 / From abroad: +49 551 19240

(Poison Information Center North, 24 h in German and English)

## 2 Hazard identification

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008

The mixture is not classified according to the CLP regulation.

### 2.2 Label elements

Regulation (EC) No. 1272/2008

This mixture is not hazardous.

#### Pictogram (s) and signal word of the product

Not applicable

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## Hazard warnings

Based on the available data, no other hazard warnings are known.

## Precautionary statements

P280 Wear eye protection / face protection  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P313 Get medical advice / attention

## 2.3 Other dangers

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 3 Composition / information on ingredients

### 3.1 Substance

This product is a mixture.

### 3.2 Mixtures

#### Composition / information on ingredients

Chemical name	EC-No.	CAS-No.	Index-No.	Registration number (REACH)	Proportion-%	Classification according to Regulation (EC) No. 1272/2008
Rye flour ferment	-	-	-	exempted	>95	unclassified
Lactobacillus	295-777-8	92128-79-5	-	exempted (low volume)	1 - 2,5	unclassified

For explanation of abbreviations see section 16.

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## 4 First aid measures

### 4.1 Description of the first aid measures

General:	Move exposed person to fresh air.
Inhalation:	Get medical attention immediately if symptoms occur.
Ingestion:	If swallowed, rinse mouth with water (only if the person is conscious). Obtain medical attention if symptoms occur.
Skin contact:	Get medical attention if irritation develops and persists.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
First aid facilities:	No special recommendations

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

Symptoms:	No information available.
Risks:	No information available.

### 4.3 Indication of immediate medical help or special treatment

Treatment:	No information available.
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## 5 Fire-fighting measures

### 5.1 Extinguishing agent

Use atomized water spray, alcohol-resistant foam, dry powder, or carbon dioxide.

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

Do not inhale fumes. Thermal decomposition or combustion may generate irritating and highly toxic gases: Carbon monoxide and carbon dioxide.

### 5.3 Advice for firefighters

Wear suitable protective clothing. Self-contained breathing apparatus.

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## 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and in emergencies applicable procedures

Avoid eye contact. Use tightly fitting safety goggles.

### 6.2 Environmental protection measures

According to the information available, none are known.

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

Wipe up with absorbent material (e.g. cloth, fleece). Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

### 6.4 Reference to other sections

Information for safe handling see section 7.

Information for on protective equipment see section 8.

Information for disposal see section 13.

## 7 Handling and storage

### 7.1 Precautions for safe handling

#### Hygiene measures

Avoid eye contact. When using do not eat, drink or smoke. Wash hands before breaks and at the end of work.

#### Advice for safe handling

Keep containers tightly closed and in a well-ventilated place. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes and clothing.

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

Keep in a dry, cool place. Protect against light. Keep away from oxidizing agents.

### 7.3 Specific end uses

None

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## 8 Exposure controls / personal protective gear

### 8.1 Control parameters

None

### 8.2 Exposure controls and personal protective equipment

#### Appropriate engineering controls

Don't eat, drink, smoke, or sniff while working. Wash hands thoroughly before breaks and at the end of the workday. Then use hand cream. Keep away from food, drinks, and feed. Remove spotted and drained clothing immediately. Ensure that eyewash station is close to the workstation location.

#### Personal protective equipment

Eye protection: Tightly fitting safety goggles / Face-shield

Hand protection: No special protective equipment is required

Suitable material: Not applicable

Respiratory protection: No precautions required if appropriate ventilation is on place.

#### Environmental exposure controls

Not applicable

#### Environmental Precautions

According to the information available, none are known.

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## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Parameter	Value	Method	Comment
Physical state	liquid	visual	
Colour	transparent, yellowish	visual	
Odour	sour, typical	smell	
Odour Threshold	-	-	not determined
Freezing point	approx. 0 °C	-	
Melting point	-	-	inapplicable
Boiling point / boiling range	>100 °C / 212 °F	ISO 2719	
Flammability	-	-	inapplicable
Lower and upper explosion limit	-	-	inapplicable
Flash point	>100 °C / 212 °F	ISO 2719	
Ignition temperature	-	-	inapplicable
Decomposition temperature	-	-	inapplicable
pH-value	3,0 – 4,0	PhEur.7.0:2.2.	
Dry matter	1 % – 3 %	-	
Dynamic viscosity	1 – 3 mPa*s	-	
Water solubility	in all proportions	-	
Vapor pressure	-	-	not determined
Relative vapor density	-	-	not determined
Density	1,00 g/ml – 1,10 g/ml	PhEur. 2.2.5	
Relative density	-	-	not determined
Particle properties	-	-	inapplicable
Partition coefficient: n-octanol/water	-	-	inapplicable
Explosive properties	Not explosive	-	
Oxidizing properties	The substance or mixture is not classified as oxidizing.	-	

### 9.2 Other Information

Refractive index	-	-	not determined
Self-ignition	not auto-flammable	-	

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## 10 Stability and Reactivity

### 10.1 Reactivity

Stable under recommended storage, transportation and handling conditions.

### 10.2 Chemical stability

No decomposition if stored normally.

### 10.3 Possibility of hazardous reactions

No hazardous decomposition products are known.

### 10.4 Conditions to Avoid

Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Keep away from oxidizing agents.

### 10.6 Hazardous decomposition products

No hazardous decomposition products are known.

## 11 Toxicological information

### 11.1 Information on toxicological effects

According to Regulation (EC) No. 1272/2008, there are no toxicological findings for the mixture.  
(Lactobacillus/Rye flour ferment)

Inhalation:	Based on the available information, no effects are known.
Eye contact:	Based on the information available, no effects are known.
Skin contact:	Based on the available information, no effects are known.
Ingestion:	Based on the available information, no effects are known.

#### Acute toxicity

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

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## Skin corrosion/irritation

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

## Serious eye damage/eye irritation

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

## Respiratory or skin sensitisation

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

## Germ cell mutagenicity

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

## Carcinogenicity

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

## Reproductive toxicity

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

## Repeated dose toxicity

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

## Aspiration toxicity

There is no information.

## 12 Environmental information

### 12.1 Toxicity

According to Regulation (EC) No. 1272/2008, there are no toxicological findings for the mixture.  
(Lactobacillus/Rye flour ferment)

### 12.2 Persistence and degradability

The mixture is completely biodegradable.

### 12.3 Bioaccumulative potential

The mixture is 100% natural.



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## 12.4 Mobility in the soil

There is no information.

## 12.5 Results of the PBT and vPvB assessment

Product:

WORESANA®serum

Assessment:

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## 12.6 Other harmful effects

There is no information.

## 13 Disposal considerations

### 13.1 Waste treatment methods

#### Product information

Disposal required in compliance with all waste management related state and local regulations. The choice of the appropriate method of disposal depends on the product composition by the time of disposal as well as the local statutes and possibilities for disposal.

#### Contaminated packaging

Empty containers should be taken to an approved waste handling site for recycling or disposal.

#### Waste key for the unused product(Group)

The waste producer itself must, in consultation with the appropriate authorities and a waste disposal company, obtain a waste code from the EWC (European Waste Catalogue)

## 14 Transport information

### 14.1 UN number

Not regulated as a dangerous good.

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## 14.2 UN proper shipping name

Not regulated as a dangerous good.

## 14.3 Transport hazard classes

Not regulated as a dangerous good.

## 14.4 Packing group

Not regulated as a dangerous good.

## 14.5 Environmental hazards

Not regulated as a dangerous good.

## 14.6 Special precautionary measures for the user

Not applicable.

For personal protection see section 8.

## 14.7 Transport in bulk according to Annex II of MARPOL-Convention and the IBC Code

Not applicable for product as supplied.

## 15 Legislation

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

#### EU regulations

Regulation (EC) No. 1005/2009 (substances that deplete the ozone layer):

Inapplicable.

Regulation (EC) No. 850/2004 (persistent organic pollutants):

Inapplicable.

Regulation (EC) No. 649/2012 (export and import of dangerous chemicals):

Inapplicable.

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**Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances:**  
Not applicable.

Water hazard class: Class 1

## 15.2 Chemical safety assessment

The mixture has not been subjected to a safety assessment.

## 16 Other Information

### Changes compared to the previous version

See sections / subsections 16.

### Bibliography and data sources

#### Regulations

REACH Regulation (EC) No. 1907/2006, last amended by Regulation (EU) 2020/878

CLP Regulation (EC) No. 1272/2008, last amended by Regulation (EU) 2020/1413

#### Internet

<https://echa.europa.eu/de/information-on-chemicals>

<http://www.baua.de>

### Hazard warnings to which reference is made in Sections 2 and 3

#### According to Regulation (EC) No. 1272/2008:

There is no information.

### Full text of other abbreviations

CAS-No.: Chemical Abstracts Service number

EC-No.: European Community number

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## Further information

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008

Not applicable.

## Disclaimer of liability

This document is intended as a guide to the appropriate precautionary handling, storage, usage, transport, and disposal of the material by a properly trained person using this product.

This information relates only to the specific material designated.

If the product is mixed up with other materials or is part of any kind of a production process, the data mentioned in this MSDS, as long as not explicitly mentioned in it, are not transferable on the produced material.

It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his particular use. Users should make their investigations to determine the suitability of the information for their particular purposes.

"Recommendations of our products are based on in-depth scientific investigations by our research department. They are given to the best of our knowledge; however, no obligation may be derived from them. It is the manufacturer's responsibility to ensure that descriptions relating to the end product comply with local legislation. Apart from this our terms and conditions of sale and supply shall apply."