

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)

## BacterXpro

Version number: 3.0  
Replaces version of: 2020-10-21 (2)

Revision: 2022-01-28  
First version: 2015-07-14

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

#### 1.1 Product identifier

<b>Trade name</b>	<u>BacterXpro</u>
<b>Registration number (REACH)</b>	Not relevant (mixture)
<b>CAS number</b>	not relevant (mixture)

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

<b>Relevant identified uses</b>	Disinfectant
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#### 1.3 Details of the supplier of the safety data sheet

Dr. Wittmann GmbH & Co. KG	Telephone: ++49 (0) 6251 – 770769- 0
Rieslingstraße 8	Telefax: ++49 (0) 6251 – 770769- 99
64673 Zwingenberg	
Germany	

<b>e-mail (competent person)</b>	sdb@csb-compliance.com
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Please do not use this e-mail address to ask for the latest safety data sheet. For this purpose contact Dr. Wittmann GmbH & Co. KG.

<b>National contact</b>	Verkauf
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#### 1.4 Emergency telephone number

As above or nearest toxicological information centre.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008 (CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008 (CLP)

Not required.

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## 2.3 Other hazards

### Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

## SECTION 3: Composition/information on ingredients

### 3.1 Substances

Not relevant (mixture).

### 3.2 Mixtures

description of the mixture  
aqueous solution

### Hazardous ingredients acc. to EU regulation

None

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General notes

In all cases of doubt, or when symptoms persist, seek medical advice.

#### Following inhalation

Provide fresh air.

#### Following skin contact

Wash with plenty of soap and water.

#### Following eye contact

Rinse cautiously with water for several minutes.

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

#### Following ingestion

Rinse mouth immediately and drink plenty of water.

Do NOT induce vomiting.

Get medical advice/attention if you feel unwell.

#### Notes for the doctor

None.

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

These information are not available.

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

None.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

water spray, alcohol resistant foam, fire extinguishing powder, carbon dioxide (CO<sub>2</sub>)

#### Unsuitable extinguishing media

water jet

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

Hazardous decomposition products: Section 10.

#### Hazardous combustion products

carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>)

### 5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Co-ordinate firefighting measures to the fire surroundings.

Do not allow firefighting water to enter drains or water courses.

Collect contaminated firefighting water separately.

Fight fire with normal precautions from a reasonable distance.

#### Special protective equipment for firefighters

use suitable breathing apparatus

## SECTION 6: Accidental release measures

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

#### For non-emergency personnel

Ventilate affected area.

Avoid contact with eyes.

Wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing.

#### For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

### 6.2 Environmental precautions

Keep away from drains, surface and ground water.

Retain contaminated washing water and dispose of it.

If substance has entered a water course or sewer, inform the responsible authority.

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

#### Advice on how to clean up a spill

Collect spillage.

Absorbent material (e.g. sand, diatomaceous earth, acid binder, universal binder, sawdust, etc.).

## **Appropriate containment techniques**

Use of adsorbent materials.

## **Other information relating to spills and releases**

Place in appropriate containers for disposal.

Ventilate affected area.

## **6.4 Reference to other sections**

Hazardous combustion products: see section 5.

Personal protective equipment: see section 8.

Incompatible materials: see section 10.

Disposal considerations: see section 13.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

Avoid contact with eyes.

Do not breathe vapour/spray.

Avoid prolonged or repeated skin contact.

#### **Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation.

Keep away from sources of ignition - No smoking.

#### **Specific notes/details**

None.

#### **Measures to protect the environment**

Avoid release to the environment.

#### **Advice on general occupational hygiene**

Do not eat, drink and smoke in work areas.

Wash hands after use.

Preventive skin protection (barrier creams/ointments) is recommended.

Remove contaminated clothing and protective equipment before entering eating areas.

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

#### **Flammability hazards**

None.

#### **Incompatible substances or mixtures**

Incompatible materials: see section 10.

#### **Protect against external exposure, such as**

heat, frost

#### **Consideration of other advice**

Keep away from food, drink and animal feeding stuffs.

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## Ventilation requirements

Provision of sufficient ventilation.

## Specific designs for storage rooms or vessels

Store in a dry place. Store in a closed container.  
Store in a well-ventilated place. Keep cool.

## Packaging compatibilities

Keep only in original container.

## 7.3 Specific end use(s)

No information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Occupational exposure limit values (Workplace Exposure Limits)									
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m <sup>3</sup> ]	STEL [ppm]	STEL [mg/m <sup>3</sup> ]	Notation	Source
GB	glycerol	56-81-5	WEL	-	10	-	-	mist	EH40/2005
GB	propane-1,2-diol	57-55-6	WEL	-	10	-	-	particle	EH40/2005
GB	propane-1,2-diol	57-55-6	WEL	150	474	-	-	vp	EH40/2005

#### Notation

mist as mists

particle as airborne particles

STEL short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)

TWA time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

vp as vapours and particulates

### 8.2 Exposure controls

#### Appropriate engineering controls

General ventilation.

#### Individual protection measures (personal protective equipment)

##### Eye/face protection

Wear eye/face protection.

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## Hand protection

Protective gloves		
Material	Material thickness	Breakthrough times of the glove material
no information available	no information available	no information available

Wear suitable gloves.

Chemical protection gloves are suitable, which are tested according to EN 374.

Check leak-tightness/impermeability prior to use.

In the case of wanting to use the gloves again, clean them before taking off and air them well.

## Respiratory protection

Not required.

## Environmental exposure controls

Use appropriate container to avoid environmental contamination.

Keep away from drains, surface and ground water.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Physical state</b>	liquid
<b>Colour</b>	blue
<b>Odour</b>	recognizable
<b>Melting point/freezing point</b>	not determined
<b>Boiling point or initial boiling point and boiling range</b>	not determined
<b>Flammability</b>	this material is combustible, but will not ignite readily
<b>Lower and upper explosion limit</b>	not determined
<b>Flash point</b>	not determined
<b>Auto-ignition temperature</b>	400 °C (DIN 51794)
<b>Decomposition temperature</b>	not relevant
<b>pH (value)</b>	not determined
<b>Kinematic viscosity</b>	not determined
<b>Dynamic viscosity</b>	not determined
<b>Solubility(ies)</b>	
Water solubility	miscible in any proportion

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**Partition coefficient n-octanol/water (log value)** not determined

**Vapour pressure** not determined

## **Density and/or relative density**

Density 1 g/cm<sup>3</sup> at 20 °C

Relative vapour density information on this property is not available

**Particle characteristics** not relevant  
(liquid)

## **9.2 Other information**

**Information with regard to physical hazard classes** hazard classes acc. to GHS (physical hazards):  
not relevant

### **Other safety characteristics**

Temperature class (EU, acc. to ATEX) T2  
(maximum permissible surface temperature on the equipment: 300°C)

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

This material is not reactive under normal ambient conditions.

### **10.2 Chemical stability**

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.  
See below "Conditions to avoid".

### **10.3 Possibility of hazardous reactions**

No known hazardous reactions.

### **10.4 Conditions to avoid**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### **10.5 Incompatible materials**

strong oxidiser

### **10.6 Hazardous decomposition products**

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known.  
Hazardous combustion products: see section 5.

## SECTION 11: Toxicological information

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

#### Classification procedure

If not otherwise specified the classification is based on:  
Ingredients of the mixture (additivity formula).

#### Classification according to GHS (1272/2008/EC, CLP)

This mixture does not meet the criteria for classification in accordance with Regulation No 1272/2008/EC.

#### Acute toxicity

Test data are not available for the complete mixture.

#### Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

#### Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

#### Respiratory or skin sensitisation

##### Skin sensitisation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Respiratory sensitisation

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Germ cell mutagenicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Carcinogenicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Reproductive toxicity

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Specific target organ toxicity - single exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.

##### Specific target organ toxicity - repeated exposure

Classification could not be established because:  
Data are lacking, inconclusive, or conclusive but not sufficient for classification.



**Aspiration hazard**

Shall not be classified as presenting an aspiration hazard.

**11.2 Information on other hazards**

There is no additional information.

**Endocrine disrupting properties**

None of the ingredients are listed.

## SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity (acute)**

Test data are not available for the complete mixture.

**Aquatic toxicity (chronic)**

Test data are not available for the complete mixture.

**12.2 Persistence and degradability****Biodegradation**

No data available.

**Persistence**

No data available.

**12.3 Bioaccumulative potential**

Test data are not available for the complete mixture.

**12.4 Mobility in soil**

No data available.

**12.5 Results of PBT and vPvB assessment**

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**12.6 Endocrine disrupting properties**

None of the ingredients are listed.

**12.7 Other adverse effects**

Data are not available.

**Remarks**

Wassergefährdungsklasse, WGK (water hazard class): 3

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

Directive 2008/98/EC on wastes.

Waste code (EU): 16 10 02 Aqueous liquid wastes other than those mentioned in 16 10 01.

#### Sewage disposal-relevant information

Do not empty into drains.

#### Waste treatment of containers/packagings

Completely emptied packages can be recycled.

Handle contaminated packages in the same way as the substance itself.

Packaging containing residues of or contaminated by hazardous substances.

Waste code (EU): 15 01 02 Plastic packaging.

#### Remarks

Please consider the relevant national or regional provisions.

## SECTION 14: Transport information

14.1	UN number or ID number	not assigned
14.2	UN proper shipping name	-
14.3	Transport hazard class(es)	-
14.4	Packing group	-
14.5	Environmental hazards	-
14.6	Special precautions for user	-
14.7	Maritime transport in bulk according to IMO instruments	-

## SECTION 15: Regulatory information

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

#### Relevant provisions of the European Union (EU)

#### Restrictions according to REACH, Annex XVII

None of the ingredients are listed.

#### List of substances subject to authorisation (REACH, Annex XIV) / SVHC - candidate list

None of the ingredients are listed.

#### Seveso Directive

Not assigned.

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## Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

None of the ingredients are listed.

## Regulation on the marketing and use of explosives precursors

None of the ingredients are listed.

## Regulation on substances that deplete the ozone layer (ODS)

None of the ingredients are listed.

## Regulation concerning the export and import of hazardous chemicals (PIC)

None of the ingredients are listed.

## Regulation on persistent organic pollutants (POP)

None of the ingredients are listed.

## 15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier. Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Indication of changes (revised safety data sheet)

Indication of changes: Section 1, 13

### Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
ADN	Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DGR	Dangerous Goods Regulations (see IATA/DGR)
EH40/2005	EH40/2005 Workplace exposure limits ( <a href="http://www.nationalarchives.gov.uk/doc/open-government-licence/">http://www.nationalarchives.gov.uk/doc/open-government-licence/</a> )
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
IMDG	International Maritime Dangerous Goods Code
PBT	Persistent, Bioaccumulative and Toxic

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Abbr.	Descriptions of used abbreviations
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	Short-term exposure limit
SVHC	Substance of Very High Concern
TWA	Time-weighted average
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

## Key literature references and sources for data

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.  
Regulation (EC) No. 1907/2006 (REACH).

Transport of dangerous goods by road, rail and inland waterway (ADR/RID/ADN).

International Maritime Dangerous Goods Code (IMDG).

Dangerous Goods Regulations (DGR) for the air transport (IATA).

## Classification procedure

Physical and chemical properties.

Health hazards.

Environmental hazards.

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

## Responsible for the safety data sheet

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## Disclaimer

This information is based upon the present state of our knowledge.

This SDS has been compiled and is solely intended for this product.