

|                         |    |
|-------------------------|----|
| SDS Yersinia Broth Base | 2  |
| SDS Yersinia Broth      | 10 |

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

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

#### 1.1. Product identifier

Substance / mixture

Number

Yersinia Broth Base

mixture

YBB20100, YBB20500, YBB25000, YBB210000,  
YBB225000

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

**Mixture's intended use**

For microbiological use only

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

#### 1.3. Details of the supplier of the safety data sheet

**Manufacturer**

Name or trade name

Address

Phone

E-mail

Web address

Biolab Zrt.

Öv utca 43., Budapest, 1141

Hungary

+36-1-221-9614

SDS@biolab.hu

www.biolab.hu

**Competent person responsible for the safety data sheet**

Name

E-mail

Biolab Zrt.

SDS@biolab.hu

#### 1.4. Emergency telephone number

European emergency number: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is classified as dangerous.

Skin Sens. 1B, H317

Full text of all classifications and hazard statements is given in the section 16.

**Most serious adverse effects on human health and the environment**

May cause an allergic skin reaction.

#### 2.2. Label elements

**Hazard pictogram**



**Signal word**

Warning

**Hazardous substances**

Sodium pyruvate

**Hazard statements**

H317

May cause an allergic skin reaction.

**Precautionary statements**

P261

Avoid breathing mist/vapours/spray.

P280

Wear protective gloves.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

P321 Specific treatment (see additional first aid instructions on this label).  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.  
P501 Dispose of contents/container to be handed over to the person authorized to dispose of waste or by returning to the supplier.

### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance that meets the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixture.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

| Identification numbers         | Substance name  | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--------------------------------|-----------------|---------------------|----------------------------------------------------------|------|
| CAS: 113-24-6<br>EC: 204-024-4 | Sodium pyruvate | 7,58                | Skin Sens. 1B, H317<br>Eye Irrit. 2, H319                |      |

Full text of all classifications and hazard statements is given in the section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

#### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

#### If on skin

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

#### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes.

#### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

#### If inhaled

Not expected.

#### If on skin

May cause an allergic skin reaction.

#### If in eyes

Not expected.

#### If swallowed

Irritation, nausea.

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

Symptomatic treatment.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

##### Unsuitable extinguishing media

Water - full jet.

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

### SECTION 6: Accidental release measures

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

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent contact with skin and eyes. Contaminated work clothing should not be allowed out of the workplace. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage temperature min 20 °C, max 30 °C

##### The specific requirements or rules relating to the substance/mixture

A selective medium for selective enrichment of *Yersinia enterocolitica*.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### 8.2. Exposure controls

Take off contaminated clothing and wash before reuse. Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

##### Eye/face protection

It is not needed.

##### Skin protection

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

### Respiratory protection

It is not needed.

### Thermal hazard

Not available.

### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

## SECTION 9: Physical and chemical properties

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

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Physical state                                           | liquid              |
| Colour                                                   | data not available  |
| Odour                                                    | data not available  |
| Melting point/freezing point                             | data not available  |
| Boiling point or initial boiling point and boiling range | data not available  |
| Flammability                                             | data not available  |
| Lower and upper explosion limit                          | data not available  |
| Flash point                                              | data not available  |
| Auto-ignition temperature                                | data not available  |
| Decomposition temperature                                | data not available  |
| pH                                                       | 7.3-7.5 (undiluted) |
| Kinematic viscosity                                      | data not available  |
| Solubility in water                                      | data not available  |
| Partition coefficient n-octanol/water (log value)        | data not available  |
| Vapour pressure                                          | data not available  |
| Density and/or relative density                          | data not available  |
| Relative vapour density                                  | data not available  |
| Particle characteristics                                 | data not available  |

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

### Acute toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Skin corrosion/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Serious eye damage/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Respiratory or skin sensitisation

May cause an allergic skin reaction. Data for the components of the mixture are not available.

### Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

## 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

### 12.4. Mobility in soil

No data are available for either the mixture or the components.

### 12.5. Results of PBT and vPvB assessment

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

#### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

### A list of standard risk phrases used in the safety data sheet

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

### Guidelines for safe handling used in the safety data sheet

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves.

P321 Specific treatment (see additional first aid instructions on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/container to by handing over to the person authorized to dispose of waste or by returning to the supplier.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road

BCF Bioconcentration Factor

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EC Identification code for each substance listed in EINECS

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan

EU European Union

EuPCS European Product Categorisation System

IATA International Air Transport Association

IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals

ICAO International Civil Aviation Organization

IMDG International Maritime Dangerous Goods

IMO International Maritime Organization

INCI International Nomenclature of Cosmetic Ingredients

ISO International Organization for Standardization

IUPAC International Union of Pure and Applied Chemistry

log Kow Octanol-water partition coefficient

OEL Occupational Exposure Limits

PBT Persistent, Bioaccumulative and Toxic

ppm Parts per million

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Agreement on the transport of dangerous goods by rail

UN Four-figure identification number of the substance or article taken from the UN Model Regulations

UVCB Substances of unknown or variable composition, complex reaction products or biological materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bioaccumulative

Eye Irrit. Eye irritation

Skin Sens. Skin sensitization

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.



# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth Base

Creation date 18th September 2023

Revision date Version 1.0

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

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

#### 1.1. Product identifier

Substance / mixture

Yersinia Broth

mixture

Number

YBB30100, YBB30250, YBB30500

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

##### Mixture's intended use

For microbiological use only

##### Mixture uses advised against

The product should not be used in ways other than those referred in Section 1.

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Name or trade name

Biolab Zrt.

Address

Öv utca 43., Budapest, 1141

Hungary

Phone

+36-1-221-9614

E-mail

SDS@biolab.hu

Web address

www.biolab.hu

##### Competent person responsible for the safety data sheet

Name

Biolab Zrt.

E-mail

SDS@biolab.hu

#### 1.4. Emergency telephone number

European emergency number: 112

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

#### 2.2. Label elements

##### Supplemental information

EUH210

Safety data sheet available on request.

EUH208

Contains Sodium pyruvate. May produce an allergic reaction.

#### 2.3. Other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Mixture.

##### Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment

| Identification numbers         | Substance name  | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--------------------------------|-----------------|---------------------|----------------------------------------------------------|------|
| CAS: 113-24-6<br>EC: 204-024-4 | Sodium pyruvate | 0,25                | Skin Sens. 1B, H317<br>Eye Irrit. 2, H319                |      |

Full text of all classifications and hazard statements is given in the section 16.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### **If inhaled**

Terminate the exposure immediately; move the affected person to fresh air.

##### **If on skin**

Remove contaminated clothes.

##### **If in eyes**

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

##### **If swallowed**

Rinse out the mouth with clean water. In the event of issues, find medical help.

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

##### **If inhaled**

Not expected.

##### **If on skin**

Not expected.

##### **If in eyes**

Not expected.

##### **If swallowed**

Not expected.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### **Suitable extinguishing media**

Accommodate extinguishing components to the location of fire.

##### **Unsuitable extinguishing media**

not available

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

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

### SECTION 6: Accidental release measures

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

Follow the instructions in the Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

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

After removal of the product, wash the contaminated site with plenty of water.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage temperature min 20 °C, max 30 °C

#### The specific requirements or rules relating to the substance/mixture

A selective medium for selective enrichment of *Yersinia enterocolitica*.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

##### Eye/face protection

It is not needed.

##### Skin protection

Hand protection: Protective gloves resistant to the product. When handling in long-term or repeatedly, use protective gloves.

##### Respiratory protection

It is not needed.

##### Thermal hazard

Not available.

##### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

### SECTION 9: Physical and chemical properties

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

|                                                          |                     |
|----------------------------------------------------------|---------------------|
| Physical state                                           | liquid              |
| Colour                                                   | data not available  |
| Odour                                                    | data not available  |
| Melting point/freezing point                             | data not available  |
| Boiling point or initial boiling point and boiling range | data not available  |
| Flammability                                             | data not available  |
| Lower and upper explosion limit                          | data not available  |
| Flash point                                              | data not available  |
| Auto-ignition temperature                                | data not available  |
| Decomposition temperature                                | data not available  |
| pH                                                       | 7.3-7.5 (undiluted) |
| Kinematic viscosity                                      | data not available  |
| Solubility in water                                      | data not available  |
| Partition coefficient n-octanol/water (log value)        | data not available  |
| Vapour pressure                                          | data not available  |
| Density and/or relative density                          | data not available  |
| Relative vapour density                                  | data not available  |
| Particle characteristics                                 | data not available  |

#### 9.2. Other information

not available

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

#### 10.2. Chemical stability

The product is stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Unknown.

#### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

#### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

#### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

### SECTION 11: Toxicological information

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

No toxicological data is available for the mixture.

##### Acute toxicity

Based on the available data, the criteria for classification of the mixture are not met. Data for the components of the mixture are not available.

| Yersinia Broth    |           |              |               |         |     |                      |
|-------------------|-----------|--------------|---------------|---------|-----|----------------------|
| Route of exposure | Parameter | Value        | Exposure time | Species | Sex | Value determination  |
| Oral              | ATE       | 746300 mg/kg |               |         |     | Calculation of value |

##### Skin corrosion/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Serious eye damage/irritation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Respiratory or skin sensitisation

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Germ cell mutagenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Carcinogenicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

##### Reproductive toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

### Toxicity for specific target organ - single exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Toxicity for specific target organ - repeated exposure

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### Aspiration hazard

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### 11.2. Information on other hazards

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data are available for either the mixture or the components. Based on the available data, the criteria for classification of the mixture are not met.

### 12.2. Persistence and degradability

No data are available for either the mixture or the components.

### 12.3. Bioaccumulative potential

No data are available for either the mixture or the components.

### 12.4. Mobility in soil

No data are available for either the mixture or the components.

### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

### 12.7. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

## SECTION 14: Transport information

### 14.1. UN number or ID number

not subject to transport regulations

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

### 14.2. UN proper shipping name

not relevant

### 14.3. Transport hazard class(es)

not relevant

### 14.4. Packing group

not relevant

### 14.5. Environmental hazards

not relevant

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not relevant

## SECTION 15: Regulatory information

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

Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

### A list of additional standard phrases used in the safety data sheet

EUH210 Safety data sheet available on request.

EUH208 Contains Sodium pyruvate. May produce an allergic reaction.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road

BCF Bioconcentration Factor

CAS Chemical Abstracts Service

CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures

EC Identification code for each substance listed in EINECS

EINECS European Inventory of Existing Commercial Chemical Substances

EmS Emergency plan

EU European Union

EuPCS European Product Categorisation System

IATA International Air Transport Association

# SAFETY DATA SHEET

according to Commission Regulation (EU) 2020/878 as amended



## Yersinia Broth

Creation date 18th September 2023

Revision date Version 1.0

|         |                                                                                                   |
|---------|---------------------------------------------------------------------------------------------------|
| IBC     | International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals       |
| ICAO    | International Civil Aviation Organization                                                         |
| IMDG    | International Maritime Dangerous Goods                                                            |
| IMO     | International Maritime Organization                                                               |
| INCI    | International Nomenclature of Cosmetic Ingredients                                                |
| ISO     | International Organization for Standardization                                                    |
| IUPAC   | International Union of Pure and Applied Chemistry                                                 |
| log Kow | Octanol-water partition coefficient                                                               |
| OEL     | Occupational Exposure Limits                                                                      |
| PBT     | Persistent, Bioaccumulative and Toxic                                                             |
| ppm     | Parts per million                                                                                 |
| REACH   | Registration, Evaluation, Authorisation and Restriction of Chemicals                              |
| RID     | Agreement on the transport of dangerous goods by rail                                             |
| UN      | Four-figure identification number of the substance or article taken from the UN Model Regulations |
| UVCB    | Substances of unknown or variable composition, complex reaction products or biological materials  |
| VOC     | Volatile organic compounds                                                                        |
| vPvB    | Very Persistent and very Bioaccumulative                                                          |

Eye Irrit. Eye irritation  
Skin Sens. Skin sensitization

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended. REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.