

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 1/7

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

##### 1.1. Product identifier

Product name: **READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES**

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

Identified uses: Laboratory application for breeding, identification, differentiation of microorganisms. Used exclusively by laboratory personnel trained in microbiology lab techniques. Samples may contain pathogenic organisms.

Uses advised against: other than those listed above

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

Graso Zenon Sobiecki  
Krağ 4A  
83-200 Starogard Gdański  
tel.: (58) 562-30-21  
fax: 56 279 87  
e-mail: [mikrobiologia@graso.com.pl](mailto:mikrobiologia@graso.com.pl)

##### 1.4. Emergency telephone number

(58) 56 230 21, Monday to Friday 7:00 to 15:00

#### SECTION 2: Hazards identification

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

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

The product is not classified as hazardous according to Regulation (EC) 1272/2008

##### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

**Signal word:** None

**Pictograms:** None

###### Hazard statements

###### Precautionary statements

###### General

**P101** If medical advice is needed, have product container or label at hand

**P102** Keep out of reach of children

###### Prevention

**P264** Wash hands thoroughly after handling

###### Response

None

###### Storage

None

###### Disposal

None

##### 2.3. Other hazards

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 2/7

This product is not identified as a PBT or vPvB substance in accordance with Annex XIII.

#### SECTION 3: Composition/information on ingredients

**3.1. Substances** – Not applicable

**3.2. Mixtures**

Name of substance	Identifier	Classification 1272/2008	% weight
Medium	Index --- CAS --- EC ---	---	100

#### SECTION 4: First aid measures

**4.1. Description of first aid measures**

**Routes of exposure** inhalation, ingestion, eye contact, skin contact.

**Inhalation**

In practice impossible to occur.

**Ingestion**

If victim is conscious and alert, give 2-3 glasses of water to drink. Do not induce. Ensure calm and seek immediate medical advice.

**Eye contact**

Remove contact lenses. Immediately flush eyes with large amounts of water while holding the eyelids open to ensure that the entire surface is flushed. Seek medical advice.

**Skin contact**

Take off all contaminated clothing. Wash skin with water and soap and rinse thoroughly. Wash contaminated clothing before reuse. If irritation persists, seek medical attention and consult a dermatologist.

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

No additional information available.

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

First aid kit should be available in work place. Person giving first aid should wear medical gloves.

#### SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable extinguishing media**

Water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

Do not use water jet.

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

**Specific hazards in case of fire**

In case of fire, the following can be released harmful gases.

**Explosive mixture**

Not applicable-non-explosive.

**5.3. Advice for firefighters**

Protective equipment: Wear self-contained respiratory protective device. Dispose of fire debris and contaminated firefighting water in accordance with official regulations.

**Firefighter Personal Protective Equipment**

Contained breathing apparatus.

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 3/7

#### SECTION 6: Accidental release measures

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

###### For non-emergency personnel

Provide adequate ventilation when handling the product.

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials.

Proceed with the principles of Good Laboratory Practice.

##### 6.2. Environmental precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

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

In the laboratory, collect the spilled product using paper towels.

Clean up affected area with liquid-binding material.

Clean up area with plenty of water.

##### 6.4. Reference to other sections

Section 8 in order to obtain information on personal protective equipment.

Section 13 in order to obtain information on waste disposal.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

Avoid contact with skin and eyes.

Do not eat, drink or smoke when using this product.

Use personal protective equipment.

Wash used clothing before reuse.

Wash hands before breaks at work.

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

This product is for laboratory use only and should only be used by suitably trained laboratory personnel.

Store in accordance with local regulations.

Store in original container in a dry, cool and ventilated, sheltered from direct sunlight. Keep container closed and sealed until use.

Store in cool place.

No smoking. Keep away from oxidizing agents, strong bases and acids.

Do not store packages are not marked. Use appropriate container to avoid release to the environment.

Do not use before reading and understanding all safety measures.

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

No data available

#### SECTION 8: Exposure controls/personal protection

##### 8.1. Control parameters

###### Ingredients with limit values that require monitoring at the workplace:

Does not contain substances that are stipulated.

Other countries limit values information are not available.

##### 8.2. Exposure controls

###### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice.

###### Personal protective equipment

###### Eye and face protection

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 4/7

Wear safety goggles if necessary.

Keep eye rinse bottle with clean water or eye wash near the work place.

#### Skin protection



#### Hand protection

Handle with gloves. Use protective gloves made of latex.

Dispose of contaminated gloves after use in accordance with applicable laws.

Wash and dry hands.

Observe instructions on permeability and breakthrough time provided by the glove supplier.

Also take into consideration the specific local conditions under which the product is used, such as the risk of wear and tear.

#### Body protection

Fabric protective clothes - lab coats.

#### Respiratory protection

Not required. Depending on concentration and quantity of hazardous substances handled: self-contained breathing apparatus or gas mask with universal canister.

#### Control of environmental exposure

Do not enter into drains or ground water.

#### General safety and hygiene instructions

Follow the rules of Good Laboratory Practice.

### SECTION 9: Physical and chemical properties

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

<b>Appearance:</b>	Liquid or gel form
<b>Colour:</b>	Depending on the product
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not applicable
<b>pH:</b>	Not applicable
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial boiling point and boiling range:</b>	No data available
<b>Flash point:</b>	No data available
<b>Upper/lower flammability or explosive limits:</b>	No data available
<b>Vapour density:</b>	No data available
<b>Vapour pressure:</b>	No data available
<b>Relative density:</b>	No data available
<b>Solubility(ies):</b>	No data available
<b>Partition coefficient: n-octanol/water:</b>	No data available
<b>Auto-ignition temperature:</b>	No data available
<b>Decomposition temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Explosive properties:</b>	Not applicable
<b>Oxidising properties:</b>	Not applicable

#### 9.2. Other information

None

### SECTION 10: Stability and reactivity

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 5/7

#### 10.1. Reactivity

The product is chemically stable under normal ambient conditions.

#### 10.2. Chemical stability

Under normal storage and use of the substance is chemically stable.

#### 10.3. Possibility of hazardous reactions

No data available

#### 10.4. Conditions to avoid

No data available

#### 10.5. Incompatible materials

No data available

#### 10.6. Hazardous decomposition products

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

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

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

##### Skin corrosion/irritation

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

##### Serious eye damage/irritation

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

##### Respiratory or skin sensitisation

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

##### Germ cell mutagenicity

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

##### Carcinogenicity

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

##### Reproductive toxicity

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

##### STOT-single exposure

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

##### STOT-repeated exposure

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

##### Aspiration hazard

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

### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Acute toxicity

Fish: No data available

Aquatic organisms: No data available

Other organisms: No data available

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

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

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 6/7

This product is not identified as a PBT or vPvB substance in accordance with Annex XIII.

#### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Used packaging is transferred to an authorized company for recycling or re-use.

Do not store with municipal waste.

Do not enter drains, surface water and sewage.

#### Waste code

Waste code must be given individually at the site of waste manufacture, depending on the industry and place of use.

### SECTION 14: Transport information

#### 14.1. UN number

---

#### 14.2. UN proper shipping name

---

#### 14.3. Transport hazard class(es)

---

Label no.

Classification code:

---

#### 14.4. Packing group

---

#### 14.5. Environmental hazards

No

#### 14.6. Special precautions for user

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

Not applicable

### SECTION 15: Regulatory information

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

- The safety data sheet has been prepared on the basis of:
- Regulation (EC) No 1907/2006 of The European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a 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 with later changes
- Regulation (EC) No 1272/2008 of The European Parliament and of The Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with later changes
- Commission regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with rectification
- Classification of dangerous goods in accordance with the European Agreement concerning the international carriage of dangerous goods by road (ADR)Klasyfikacji towarów niebezpiecznych zgodnie z Umową Europejską dotyczącą międzynarodowego przewozu drogowego towarów niebezpiecznych (ADR)
- Polish regulations and laws

#### 15.2. Chemical safety assessment

Chemical safety assessment was not made for the product.

## SAFETY DATA SHEET

According to Commission Regulation (EU) 2015/830 of 28 May 2015



### READY-MADE SUBSTRATES IN PETRI DISHES, TEST TUBES, BOTTLES

Printing date: 25.02.2017

Revision: 29.05.2019

Page: 7/7

#### SECTION 16: Other information

##### Training advice

Read the safety data sheet before use.

##### Explanation of abbreviations and acronyms used in the safety data sheet

CAS (Chemical Abstracts Service)

The EC number means one of the three numbers listed below:

- number assigned to the substance in the European List of Existing Commercial Signage Substances (EINECS)
- number assigned to the substance in the European List of Notified Substances (ELINCS)
- number in the list of chemical substances listed in the European Commission's "No-longer polymers" (NLP)

UN Number - Material identification number (UN number)

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

vPvB (Substance) Very stable and very bioaccumulative

PBT (Substance) Persistent, bioaccumulative and toxic

##### Other sources of information

IUCLID - International Uniform Chemical Information Database

ECHA - Database of substances registered under REACH

ECHA - C&L Inventory

##### Other information

The product described in the safety data sheet should be stored and used in accordance with good industrial practice and in compliance with all legal provisions.

The information contained in the safety data sheet based on the current state of knowledge is designed to describe the product from the point of view of legal provisions in the field of safety, health and environmental protection. They should not be understood as a guarantee of specific properties.

The user is responsible for creating the conditions for the safe use of the product and he takes responsibility for the consequences of improper use of this product.

The safety data sheet has been developed by:

GRASO Zenon Sobiecki

83-200 Starogard Gdański, Krąg 4A

Tel.: 58 562 30 21

[www.grasobiotech.pl](http://www.grasobiotech.pl)