

## Pectinase (SDS.P129.V2)

### SDS according to (EC) No. 1907/2006

Issued:	April 2022	Review date:	April 2024
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A safety data sheet is not required for this product under Article 31 of REACH. This SDS has been created on a voluntary basis.

### Section 1 – Identification of the substance / mixture and of the company undertaking

#### 1.1 Product identifier

Product: Pectinase  
Art. No.: P129

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

Identified uses: Enzyme for sample clarification prior to patulin analysis

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

Company: R-Biopharm Rhône Ltd  
Block 10 Todd Campus  
West of Scotland Science Park  
Acre Road, Glasgow G20 0XA  
Technical phone: + 44 (0) 141 945 2924  
Technical fax: + 44 (0) 141 945 2925  
E-mail address: info@r-biopharmrhone.com

#### 1.4 Emergency telephone number

+44 (0) 141 945 2924  
Monday - Friday, 8.30 am - 4.30 pm  
English speaking.

### Section 2 - Hazards identification

#### 2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as hazardous according to Directive 67/548/EEC.

#### 2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as hazardous according to Directive 67/548/EEC.

#### 2.3 Other hazards

None.

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## Section 3 - Composition / information on ingredients

### 3.1 Substances

No components need to be disclosed according to the applicable regulations.

### 3.1 Mixtures

Not applicable.

## Section 4 - First aid measures

### 4.1 Description of first aid measures

In case of skin contact:

Wash off with soap and water.

In case of eye Contact:

As a precaution, flush eyes with water.

If ingested:

If conscious and alert, wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

In case of inhalation:

As a precaution, move person to fresh air.

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

See section 2.2 and/or section 11.

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

No data available.

## Section 5 - Fire fighting measures

### 5.1 Extinguishing media

Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

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

Nature of decomposition products not known.

### 5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

### 5.4 Further information

No data available.

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## Section 6 - Accidental release measures

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

Wear personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

### **6.2 Environmental precautions**

Do not let product enter drains.

### **6.3 Methods and materials for contaminant and cleaning up**

Soak up with inert absorbent material and dispose of as hazardous waste. Keep in a suitable, closed containers for disposal.

### **6.4 Reference to other sections**

For disposal see section 13.

## Section 7 - Handling and storage

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

Follow Instructions For Use supplied with the kit for precautions to be taken when handling mycotoxins and / or samples with the product.

### **7.2 Storage**

Store at 2 - 8 °C. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

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

Apart from the uses mentioned in section 2.1 no other specific uses are stipulated.

## Section 8 - Exposure controls / personal protection

### **8.1 Ingredients with limit values that require monitoring in the workplace**

Contains no substances with occupational exposure limit values.

### **8.2 Exposure controls**

#### **Appropriate engineering controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the work day.

#### **Eye/face protection**

Face shield and safety glasses. Use equipment for eye protection tested and approved under appropriate government standards such as EN 166(EU).

#### **Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

#### **Body protection**

Wear lab coat.

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### Respiratory protection

Use only approved respirators and components which comply with CEN (EU) or NIOSH (US). Required only when vapours or aerosols are created if a risk assessment shows they are appropriate.

### Control of environmental exposure

Do not let product enter drains.

## Section 9 - Physical and chemical properties

a	Appearance	Form: aqueous solution
b	Odour	No data available
c	Odour threshold	No data available
d	pH	No data available
e	Melting pt. / freezing pt.	No data available
f	Initial boiling point	No data available
g	Flash point	No data available
h	Evapouration rate	No data available
i	Flammability (solid, gas)	No data available
j	Upper / lower explosion limit	No data available
k	Vapour pressure	No data available
l	Vapour density	No data available
m	Relative density	No data available
n	Water solubility	No data available
o	Partition coefficient: noctanol / water	No data available
p	Auto-ignition temperature	No data available
q	Decomposition temperature	No data available
r	Viscosity	No data available
s	Explosive properties	No data available
t	Oxidizing properties	No data available

### 9.2 Other safety information

No data available.

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## Section 10 - Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2. Chemical stability

No data available.

### 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 data available.

## Section 11 - Toxicological information

### 11. information on toxicological effects

Acute toxicity	LD50 Oral-rat->2,000mg/kg
Skin corrosion / irritation	No data available
Serious eye damage / eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
Carcinogenicity	IARC:No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available

To the best of our knowledge, the chemical, physical and toxicological properties have not been thoroughly investigated.

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## Section 12 - Ecological information

### 12.1. Toxicity

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

No data available as chemical safety assessment not required/conducted.

### 12.6. Other adverse effects

No data available.

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## Section 13 - Disposal considerations

### 13.1 Waste treatment methods

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

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## Section 14 - Transport information

### 14.1 UN number \*

Not applicable.

### 14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

### 14.3 Transport hazard class(es)

Not applicable.

### 14.4 Packing group

Not applicable.

### 14.5 Environmental hazards

ADR/RID: no

IMDG: Marine pollutant: no

IATA: no

### 14.6 Special precautions for user

No data available.

*\*This product is not regulated (i.e. non hazardous) for transportation.*

## Section 15 - Regulatory information

This Safety Data Sheet was prepared in accordance with Regulation (EC) No. 1907/2006. This product is not subject to identification regulations under EU Directives.

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

No data available.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this product.

## Section 16 - Other information

The above information is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. R-Biopharm Rhône Ltd shall not be held liable for any damage resulting from handling or from contact with the above product. Users should make their own investigations to determine the suitability of the information for their particular purposes.