

## EASIMIP™ PATULIN (SDS.P250.V2)

SDS according to (EC) No. 1907/2006

Issued: April 2020

Review date: April 2022

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: EASIMIP™ PATULIN  
Art. No.: P250

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

Identified uses: Selective extraction of patulin in apple products.

#### 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

Polypropylene columns containing a stable polymer powder. 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

The columns are not dangerous under normal use. However, powder should not be removed from the column. In case of accidental release of the powder, the following first aid measures should be taken.

In case of skin contact: Wash off with soap and water for at least 15 minutes. Contact a physician if irritation develops or persists.

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

Carbon oxides.

### 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 formation of dust and aerosols. Ensure adequate ventilation.

### **6.2 Environmental precautions**

Do not let product enter drains.

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

If the cartridges are accidentally broken and the powder released, the powder must be swept up and placed in a disposal container. Avoid raising powder.

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

For disposal see section 13.

## Section 7 - Handling and Storage

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

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Normal measures for preventative fire protection. 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 room temperature.

### **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**

Not required.

**Control of environmental exposure**

No data available.

## Section 9 - Physical and chemical properties

a	Appearance	Form: polypropylene cartridge containing stable polymer powder
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	Evaporation 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	Not soluble
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.

# EASIMIP™ PATULIN

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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

Strong oxidising agents.

### 10.6. Hazardous decomposition products

Hazardous decomposition products formed under fire conditions: carbon oxides, smoke, irritating fumes.

## Section 11 - Toxicological information

11. information on toxicological effects	
Acute toxicity	To the best of our knowledge, undamaged columns are not toxic
Skin corrosion / irritation	Free powder may cause skin irritation
Serious eye damage / eye irritation	Free powder may cause eye irritation
Respiratory or skin sensitisation	Free powder may cause irritation to the respiratory system
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	Inhalation of free powder may cause respiratory irritation
Specific target organ toxicity - repeated exposure	Chronic exposure to the free powder may cause harm to the respiratory system
Aspiration hazard	No data available

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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

After use: treat as mycotoxin waste and treat accordingly. Observe all national and local environmental regulations for disposal.

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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

Not applicable.

#### 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.