


# SAFETY DATA SHEET

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878

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

### 1.1 Product identifier

|                               |                                                                                                                                                                                                                                                                                                                           |                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Product name                  | <b>Tissue &amp; cells genomicPrep Mini Spin Kit, 50 purifications</b>                                                                                                                                                                                                                                                     |                                                                                                           |
| Catalogue Number              | <b>28-9042-75</b>                                                                                                                                                                                                                                                                                                         | <br>9 0 2 8 9 0 4 2 7 5 |
| EC number                     | 254-457-8                                                                                                                                                                                                                                                                                                                 |                                                                                                           |
| CAS number                    | 39450-01-6                                                                                                                                                                                                                                                                                                                |                                                                                                           |
| Product description           | Not available.                                                                                                                                                                                                                                                                                                            |                                                                                                           |
| Product type                  | Liquid.                                                                                                                                                                                                                                                                                                                   |                                                                                                           |
| Other means of identification | Proteinase K; Protease E.C.3.4.21.62 (bacillus licheniformis, into which protease producing gene of bacilluslentos was introduced); Tritirachium album serine proteinase; (4-nitrophenyl)methyl (4R,5S,6S)-6-[(1R)-1-hydroxyethyl]-4-methyl-7-oxo-3,4-diphenoxy-5-phosphonoxy-1-azabicyclo[3.2.0]hept-2-ene-2-carboxylate |                                                                                                           |

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

#### Identified uses

Analytical chemistry.  
Laboratory chemicals  
Scientific research and development

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

|                 |                                                                                                             |                                            |
|-----------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| <b>Supplier</b> | Cytiva<br>Amersham Place<br>Little Chalfont<br>Buckinghamshire<br>HP7 9NA United Kingdom<br>+44 1494 508000 | <b>Hours of operation</b><br>08.30 - 17.00 |
|-----------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------|

Person who prepared the SDS : sds\_author@cytiva.com

|                    |                                                                                       |                                                                                                            |
|--------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| <b>Switzerland</b> | Pall (Schweiz) GmbH<br>Schaeferweg 16<br>4057 Basel<br>Switzerland<br>t: 0848 8028 10 | <b>1.4 Emergency telephone number</b><br>Call INFOTRAC 24 Hour number:<br>001-352-323-3500 (Call Collect). |
|--------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|

### National advisory body/Poison Centre

|                    |                                                                                                                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Switzerland</b> | Vergiftungsnotruf<br>Tel: 145<br><br>Aus dem Ausland oder bei technischen Problemen: +41 44 251 51 51<br><br><a href="https://www.toxinfo.ch/notruf-145">https://www.toxinfo.ch/notruf-145</a> |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Product definitionMono-constituent substance

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

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

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms

Signal wordNo signal word.

Hazard statementsNo known significant effects or critical hazards.

Precautionary statements

GeneralNot applicable.

PreventionNot applicable.

ResponseNot applicable.

StorageNot applicable.

DisposalNot applicable.

Supplemental label elementsNot applicable.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articlesNot applicable.

Special packaging requirements

Containers to be fitted with child-resistant fasteningsNot applicable.

Tactile warning of dangerNot applicable.

2.3 Other hazards

Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

|     |     |     |     |      |     |     |
|-----|-----|-----|-----|------|-----|-----|
| PBT | P   | B   | T   | vPvB | vP  | vB  |
| N/A | N/A | N/A | N/A | N/A  | N/A | N/A |

Other hazards which do not result in classificationNone known.

SECTION 3: Composition/information on ingredients

3.1 SubstancesMono-constituent substance

| Product/ingredient name               | Identifiers                      | %   | Classification<br>Regulation (EC) No. 1272/2008 [CLP] | Type |
|---------------------------------------|----------------------------------|-----|-------------------------------------------------------|------|
| Proteinase, Tritirachium album serine | EC: 254-457-8<br>CAS: 39450-01-6 | 100 | Not classified. -                                     | [1]  |

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

[1] Constituent

Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

|                                   |                                                                                                                                                                                                                                                        |
|-----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye contact</b>                | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.                                                                    |
| <b>Inhalation</b>                 | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.                                                                                                                          |
| <b>Skin contact</b>               | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.                                                                                                                         |
| <b>Ingestion</b>                  | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| <b>Protection of first-aiders</b> | No action shall be taken involving any personal risk or without suitable training.                                                                                                                                                                     |

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

#### Over-exposure signs/symptoms

|                     |                   |
|---------------------|-------------------|
| <b>Eye contact</b>  | No specific data. |
| <b>Inhalation</b>   | No specific data. |
| <b>Skin contact</b> | No specific data. |
| <b>Ingestion</b>    | No specific data. |

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

|                            |                                                                                                                           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>Notes to physician</b>  | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| <b>Specific treatments</b> | No specific treatment.                                                                                                    |

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

|                                     |                                                               |
|-------------------------------------|---------------------------------------------------------------|
| <b>Suitable extinguishing media</b> | Use an extinguishing agent suitable for the surrounding fire. |
|-------------------------------------|---------------------------------------------------------------|

|                                       |             |
|---------------------------------------|-------------|
| <b>Unsuitable extinguishing media</b> | None known. |
|---------------------------------------|-------------|

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

|                                              |                                                                                     |
|----------------------------------------------|-------------------------------------------------------------------------------------|
| <b>Hazards from the substance or mixture</b> | In a fire or if heated, a pressure increase will occur and the container may burst. |
|----------------------------------------------|-------------------------------------------------------------------------------------|

|                                      |                   |
|--------------------------------------|-------------------|
| <b>Hazardous combustion products</b> | No specific data. |
|--------------------------------------|-------------------|

### 5.3 Advice for firefighters

|                                                       |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Special precautions for fire-fighters</b>          | Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.                                                                                                                                                             |
| <b>Special protective equipment for fire-fighters</b> | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

## SECTION 6: Accidental release measures

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

|                                    |                                                                                                                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>For non-emergency personnel</b> | No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Put on appropriate personal protective equipment. |
| <b>For emergency responders</b>    | If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".                                                               |

### 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 (sewers, waterways, soil or air).

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

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Small spill</b> | Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.                                                                                                                                                                                                                                                         |
| <b>Large spill</b> | Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Dispose of via a licensed waste disposal contractor. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. |



**6.4 Reference to other sections**

See Section 1 for emergency contact information.  
 See Section 8 for information on appropriate personal protective equipment.  
 See Section 13 for additional waste treatment information.

**SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**7.1 Precautions for safe handling**

|                                               |                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protective measures</b>                    | Put on appropriate personal protective equipment (see Section 8).                                                                                                                                                                                                                                                                               |
| <b>Advice on general occupational hygiene</b> | Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. |

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

Do not store above the following temperature: -20°C (-4°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

**7.3 Specific end use(s)**

|                                             |                                                                                  |
|---------------------------------------------|----------------------------------------------------------------------------------|
| <b>Recommendations</b>                      | Analytical chemistry. Laboratory chemicals. Scientific research and development. |
| <b>Industrial sector specific solutions</b> | Laboratory chemicals Research and Development                                    |

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

The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

**8.1 Control parameters****Occupational exposure limits**

No exposure limit value known.

**Biological exposure indices**

No exposure indices known.

|                                          |                                                                                                           |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Recommended monitoring procedures</b> | Product does not contain relevant quantities of materials with exposure values that have to be monitored. |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------|

**DNELs/DMELs**

Not available.

**PNECs**

Not available.

**8.2 Exposure controls**

|                                         |                                                                                                    |
|-----------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Appropriate engineering controls</b> | Good general ventilation should be sufficient to control worker exposure to airborne contaminants. |
|-----------------------------------------|----------------------------------------------------------------------------------------------------|

**Individual protection measures**

|                            |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hygiene measures</b>    | Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. |
| <b>Eye/face protection</b> | Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.                                 |

**Skin protection**

|                              |                                                                                                                                                                                                                   |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hand protection</b>       | Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.                           |
| <b>Body protection</b>       | Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.                       |
| <b>Other skin protection</b> | Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. |



|                                        |                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory protection</b>          | A respirator is not needed under normal and intended conditions of product use.                                                                                                                                                                                                                                      |
| <b>Environmental exposure controls</b> | Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. |

## SECTION 9: Physical and chemical properties

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

#### Appearance

|                                                                 |                                                                                 |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Physical state</b>                                           | Liquid.                                                                         |
| <b>Colour</b>                                                   | White.                                                                          |
| <b>Odour</b>                                                    | Not available.                                                                  |
| <b>Odour threshold</b>                                          | Not available.                                                                  |
| <b>Melting point/freezing point</b>                             | Decomposes                                                                      |
| <b>Boiling point or initial boiling point and boiling range</b> | Decomposes                                                                      |
| <b>Flammability</b>                                             | Non-flammable but will burn on prolonged exposure to flame or high temperature. |
| <b>Lower and upper explosion limit</b>                          | Not available.                                                                  |

|                                  |                                                                                                                                |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Flash point</b>               | Not applicable.                                                                                                                |
| <b>Auto-ignition temperature</b> | Not available.                                                                                                                 |
| <b>Decomposition temperature</b> | Not available.                                                                                                                 |
| <b>pH</b>                        | Not available.                                                                                                                 |
| <b>Viscosity</b>                 | Dynamic (room temperature): Not available.<br>Kinematic (room temperature): Not available.<br>Kinematic (40°C): Not available. |

#### **Solubility**

| <b>Media</b> | <b>Result</b>  |
|--------------|----------------|
| cold water   | Easily soluble |
| hot water    | Easily soluble |

|                                               |                |
|-----------------------------------------------|----------------|
| <b>Solubility in water</b>                    | Not available. |
| <b>Partition coefficient: n-octanol/water</b> | Not available. |
| <b>Vapour pressure</b>                        | Not available. |
| <b>Relative density</b>                       | Not available. |
| <b>Relative vapour density</b>                | Not available. |

#### Particle characteristics

|                             |                 |
|-----------------------------|-----------------|
| <b>Median particle size</b> | Not applicable. |
|-----------------------------|-----------------|

### 9.2 Other information

#### 9.2.1 Information with regard to physical hazard classes

|                             |                                                                |
|-----------------------------|----------------------------------------------------------------|
| <b>Burning time</b>         | Not applicable.                                                |
| <b>Burning rate</b>         | Not applicable.                                                |
| <b>Explosive properties</b> | Not considered to be a product presenting a risk of explosion. |
| <b>Oxidising properties</b> | Not available.                                                 |

#### 9.2.2 Other safety characteristics

|                         |                 |
|-------------------------|-----------------|
| <b>Evaporation rate</b> | Not available.  |
|                         | Not applicable. |

## SECTION 10: Stability and reactivity

|                                                |                                                                                                      |
|------------------------------------------------|------------------------------------------------------------------------------------------------------|
| <b>10.1 Reactivity</b>                         | No specific test data related to reactivity available for this product or its ingredients.           |
| <b>10.2 Chemical stability</b>                 | The product is stable.                                                                               |
| <b>10.3 Possibility of hazardous reactions</b> | Under normal conditions of storage and use, hazardous reactions will not occur.                      |
| <b>10.4 Conditions to avoid</b>                | No specific data.                                                                                    |
| <b>10.5 Incompatible materials</b>             | No specific data.                                                                                    |
| <b>10.6 Hazardous decomposition products</b>   | Under normal conditions of storage and use, hazardous decomposition products should not be produced. |



## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

Not available.

**Conclusion/Summary [Product]** To the best of our knowledge, the toxicological properties of this substance have not been thoroughly investigated.

N/A

#### Skin corrosion/irritation

Not available.

**Conclusion/Summary [Product]** Not available.

#### Serious eye damage/eye irritation

Not available.

**Conclusion/Summary [Product]** Not available.

#### Respiratory corrosion/irritation

Not available.

**Conclusion/Summary [Product]** Not available.

#### Respiratory or skin sensitization

Not available.

#### **Skin**

**Conclusion/Summary [Product]** Not available.

#### **Respiratory**

**Conclusion/Summary [Product]** Not available.

#### Germ cell mutagenicity

Not available.

**Conclusion/Summary [Product]** Not available.

#### Carcinogenicity

Not available.

**Conclusion/Summary [Product]** To the best of our knowledge, the toxicological properties of this substance have not been thoroughly investigated.

#### Reproductive toxicity

Not available.

**Conclusion/Summary [Product]** Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

**Information on likely routes of exposure** Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

#### Potential acute health effects

**Inhalation** No known significant effects or critical hazards.

**Ingestion** No known significant effects or critical hazards.



|                                                                                     |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Skin contact</b>                                                                 | No known significant effects or critical hazards. |
| <b>Eye contact</b>                                                                  | No known significant effects or critical hazards. |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> |                                                   |
| <b>Inhalation</b>                                                                   | No specific data.                                 |
| <b>Ingestion</b>                                                                    | No specific data.                                 |
| <b>Skin contact</b>                                                                 | No specific data.                                 |
| <b>Eye contact</b>                                                                  | No specific data.                                 |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

|                                    |                |
|------------------------------------|----------------|
| <b>Short term exposure</b>         |                |
| <b>Potential immediate effects</b> | Not available. |
| <b>Potential delayed effects</b>   | Not available. |
| <b>Long term exposure</b>          |                |
| <b>Potential immediate effects</b> | Not available. |
| <b>Potential delayed effects</b>   | Not available. |

**Potential chronic health effects**

|                                     |                                                   |
|-------------------------------------|---------------------------------------------------|
| Not available.                      |                                                   |
| <b>Conclusion/Summary [Product]</b> | Not available.                                    |
| <b>General</b>                      | No known significant effects or critical hazards. |
| <b>Carcinogenicity</b>              | No known significant effects or critical hazards. |
| <b>Mutagenicity</b>                 | No known significant effects or critical hazards. |
| <b>Reproductive toxicity</b>        | No known significant effects or critical hazards. |

**11.2 Information on other hazards**

|                                               |
|-----------------------------------------------|
| <b>11.2.1 Endocrine disrupting properties</b> |
| Not available.                                |

|                                     |                                                                                                                                                                                                              |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Conclusion/Summary [Product]</b> | The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008. |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |
|---------------------------------|
| <b>11.2.2 Other information</b> |
| Not available.                  |

**SECTION 12: Ecological information**

**12.1 Toxicity**

|                                     |                |
|-------------------------------------|----------------|
| Not available.                      |                |
| <b>Conclusion/Summary [Product]</b> | Not available. |

**12.2 Persistence and degradability**

|                                     |                |
|-------------------------------------|----------------|
| Not available.                      |                |
| <b>Conclusion/Summary [Product]</b> | Not available. |

**12.3 Bioaccumulative potential**

|                |
|----------------|
| Not available. |
|----------------|

**12.4 Mobility in soil**

|                                         |
|-----------------------------------------|
| <b>Soil/water partition coefficient</b> |
| Not available.                          |

**Results of PMT and vPvM assessment**

| Product/ingredient name               | PMT                                                                       | P   | M   | T   | vPvM | vP  | vM  |
|---------------------------------------|---------------------------------------------------------------------------|-----|-----|-----|------|-----|-----|
| Proteinase, Tritirachium album serine | N/A                                                                       | N/A | N/A | N/A | N/A  | N/A | N/A |
| <b>Mobility</b>                       | Not available.                                                            |     |     |     |      |     |     |
| <b>Conclusion/Summary</b>             | The product does not meet the criteria to be considered as a PMT or vPvM. |     |     |     |      |     |     |

**12.5 Results of PBT and vPvB assessment**

**Regulation (EC) No. 1907/2006 [REACH]**

According to the results of its assessment, this substance is not a PBT or a vPvB.

Regulation (EC) No. 1272/2008 [CLP]

| Product/ingredient name                 | PBT | P   | B   | T   | vPvB | vP  | vB  |
|-----------------------------------------|-----|-----|-----|-----|------|-----|-----|
| Proteinase, Triticirachium album serine | N/A | N/A | N/A | N/A | N/A  | N/A | N/A |

Conclusion/Summary

Regulation (EC) No. 1272/2008 [CLP]

The product does not meet the criteria to be considered as a PBT or vPvB.

12.6 Endocrine disrupting properties

Not applicable.

Conclusion/Summary [Product]

The product does not meet the criteria to be considered as having endocrine disrupting properties according to the criteria set out in either Regulation (EC) No. 1907/2006 or Regulation (EC) No 1272/2008.

12.7 Other adverse effects

No known significant effects or critical hazards.

SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

Hazardous waste

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

Packaging

Methods of disposal

The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 14: Transport information

|                                 | ADR/RID        | ADN            | IMDG           | IATA           |
|---------------------------------|----------------|----------------|----------------|----------------|
| 14.1 UN number                  | Not regulated. | Not regulated. | Not regulated. | Not regulated. |
| 14.2 UN proper shipping name    | -              | -              | -              | -              |
| 14.3 Transport hazard class(es) | -              | -              | -              | -              |
| 14.4 Packing group              | -              | -              | -              | -              |
| 14.5 Environmental hazards      | No.            | No.            | No.            | No.            |
| Additional information          | -              | -              | -              | -              |

14.6 Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to IMO instruments

Not available.





SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

**Annex XIV**

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Other EU regulations

**Industrial emissions  
(integrated pollution  
prevention and control) - Air** Not listed

**Industrial emissions  
(integrated pollution  
prevention and control) -  
Water** Not listed

**Explosive precursors** Not applicable.

Ozone depleting substances (EU 2024/590)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

National regulations

**VOC content** Exempt.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

**United States** Not determined.

**Canada inventory** Not determined.

**China** This material is listed or exempted.

**Japan** **Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** This material is listed or exempted.

**15.2 Chemical safety  
assessment** Not available.

SECTION 16: Other information

 Indicates information that has changed from previously issued version.

Abbreviations and acronyms

ATE = Acute Toxicity Estimate  
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
DMEL = Derived Minimal Effect Level  
DNEL = Derived No Effect Level  
EUH statement = CLP-specific Hazard statement  
N/A = Not available  
PBT = Persistent, Bioaccumulative and Toxic  
PNEC = Predicted No Effect Concentration  
RRN = REACH Registration Number  
vPvB = Very Persistent and Very Bioaccumulative

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification  | Justification |
|-----------------|---------------|
| Not classified. |               |

Full text of abbreviated H statements

Not applicable.

Full text of classifications [CLP/ GHS]

Not applicable.

Date of printing

20 February 2026

Date of issue/ Date of revision

20 February 2026

Date of previous issue

22 July 2025

Version

7.02

Notice to reader

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