

Safety Data Sheet according to regulation (EC) No. 1907/2006, (2015/830/EU)



Date of compilation: 17.06.19

Revision date: 20.05.25

Valid from: 20.05.25

Version: 02

Replaces Version: 01

Section 1: Identification Of The Substance / Mixture And Of The Company / Undertaking

1.1 Product identification

Product name: TSA + LT + β -Lactamase I/II

Article number: 216.0060

EG-No.: n.a.

CAS-No.: n.a.

REACH-Registration no.:

A registration number for this substance is not available because the substance or its use is exempted from registration under Article 2 of REACH Regulation (EC) No 1907/2006, the annual tonnage does not require registration or the registration is foreseen later.

Different identification name: n.a.

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

Recommended use: nutria culture media

Uses advised against: n.a.

1.3 Details of the supplier of the safety data sheet

PharmaMedia Dr. Müller GmbH
Gustav-Throm-Str. 1
D-69168 Leimen

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Telefax: +49 (0) 62 24-92 80 7-69

e-mail: info@pmm-leimen.de

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1.4 Emergency telephone no.:

Universitätsklinikum Freiburg

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+49 (0) 761-19240

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Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to regulation (EC) No. 1272/2008

According to European Union legislation, this substance is not classified as dangerous.

2.2 Label elements

Labeling according to regulation (EC) No. 1272/2008

No hazardous substance or mixture in accordance to regulation (EC) No 1272/2008

2.3 Other hazards:

Not known

Section 3: Composition / Information On ingredients

3.1 Substances: n.a.

3.2 Mixtures: n.a.

Section 4: First Aid Measures

4.1 Description of first aid measures

Inhalation

Provide fresh air. In case of complaints or in case of doubt seek medical advice.

Skin Contact

Remove contaminated clothing. Wash skin with water / shower. In case of skin irritation consult a doctor.

Eye Contact

In case of contact with eyes, rinse immediately with plenty of water. In case of complaints or in case of doubt seek medical advice.

Ingestion

Do not induce vomiting. Rinse mouth with drinking water and drink plenty.

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

No information known

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

No information known

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Section 5: Firefighting Measures

5.1 Extinguishing media

Suitable: water spray, carbon dioxide, extinguishing powder, alcohol-resistant foam

Unsuitable: There are no extinguishers restricting this mixture

5.2 Special hazards arising from the substance or mixture.

Mixture with flammable ingredients. In the event of a fire, hazardous fire gases or vapours are possible.

5.3 Advice for firefighters

Special protective equipment for firefighting. In the event of a fire, it is independent of the surrounding air.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Use the protective equipment recommended under point 8. Shut off the danger area. Ensure adequate ventilation.

6.2 Environmental precautions

Do not allow to enter sewage system or waters. If this happens, inform water authorities immediately.

6.3 Methods and material for containment and cleaning up

Take up with suitable device. Dispose. Clean.

6.4 Reference to other sections

Note on disposal see section 13

Section 7: Handling And Storage

7.1 Precautions for safe handling

Ensure good ventilation/suction at the workplace

Measures to protect against fire and explosions

Keep ignition sources away/don't smoke

Measures to prevent dusts and aerosols

n.a.

Measures to protect the environment

n.a.

General hygiene measures

n.a.

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7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature see label. 15° - 25°.

Storage class: 10 - 13

7.3 Specific end uses

Apart from the uses referred to in Section 1.2, no other specific end applications are provided.

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters

Occupational exposure limits and / or biological limit values

Occupational Exposure Limits (AGW) Germany

Contains no substances with workplace limits

8.2 Exposure controls

Engineering Measures: n.a.

Personal protective equipments

Eye- / Faceprotection: goggles

Skin Protection:

Gloves:

Full contact:

Glove material: Nitril rubber

Glove thickness (mm): 0,11 mm

breakthrough times of
glove material (min.): > 480 min

Splash contact:

Glove material: Nitril rubber

Glove thickness (mm): 0,11 mm

breakthrough times of
glove material (min.): > 480 min

Other Protection Measures:

Respiration Protection:

Not required, except aerosol formation

Heat- / Cold Protection

n.a.

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Limitation and monitoring of environmental exposure

Section 9: Physical And Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance

- Physical state: solid
- colour: yellowish / amber

Odor: characteristic

Odor threshold: no information available

pH-Value: 7,1 – 7,5

Melting point / freezing point: no information available

Initial boiling point / boiling range: no information available

Flash point: no information available

Evaporation rate: no information available

Flammability (solid, gas): no information available

Upper / lower explosion limit: no information available

Vapor pressure: no information available

Vapor density: no information available

relative density: no information available

Solubility (ies): no information available

Partition coefficient: no information available

n-Octanol/water: no information available

Autoignition Temperature: no information available

Decomposition Temperature: no information available

Viscosity: no information available

Explosive Properties: no information available

Oxidizing Properties: no information available

9.2 Other information

None

Section 10: Stability And Reactivity

10.1 Reactivity

See section 10.3

10.2 Chemical stability

The product is chemically stable under normal environmental conditions (room temperature).

10.3 Possibility of hazardous reaction

No dangerous reactions are expected when used as intended

10.4 Conditions to avoid

No information available

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10.5 Incompatible materials

No information available

10.6 Dangerous decomposition products

No information available

Section 11: Information On Toxicological Effects

11.1 Dangerous decomposition products

Acute toxicity: No information available

Skin corrosion / irritation: No information available

Serious eye damage / irritation: No information available

Respiratory or skin sensitization: No information available

Germ cell mutagenicity: No information available

Carcinogenicity: No information available

reproductive toxicity: No information available

Reproductive toxicity Specific target organ toxicity - single exposure: No information available

Aspiration hazards: No information available

Section 12: Ecological Information

12.1 Toxicity: No information available

12.2 Persistence and degradability: No information available

12.3 Bioaccumulative potential: No information available

12.4 Mobility in soil: No information available

12.5 Results of PBT and vPvB assessment: Substances in the mixture do not meet the criteria for PBT or vPvB in accordance with EC Regulation 1907/2006, Annex XIII or a PBT/vPvB assessment was not carried out

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12.6 Other adverse effects: No ecological problems are to expected if handled and used properly

Section 13: Disposal Considerations

13.1 Waste treatment methods:

Product remains must be disposed of in compliance with national and regional regulations. Note Waste Guidelines 2008/98/EG.

Treatment of contaminated packaging

n.a.

Waste code according to Waste Catalog Ordinance (AVV)

n.a.

Special precautions

n.a.

relevant EU or other provisions

n.a.

Section 14: Transport Information

Land transport (ADR/RID)

14.1 – 14.6 - No dangerous goods in the sense of transport regulations

Inland waterway transport

14.1 – 14.6 - No dangerous goods in the sense of transport regulations

Air transport

14.1 – 14.6 - No dangerous goods in the sense of transport regulations

Maritime transport

14.1.- 14.6 - No dangerous goods in the sense of transport regulations

14.7 Transport in bulk according to Annex II of MARPOL and IBC-Code – not relevant

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Section 15: Regulatory Information

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture: No chemical safety assessment is required for this substance

National regulations: none

Water hazard class: none

Solvent Regulation: none

Incident Regulation: none

Technical Guide Air: none

Storage Class: 10 - 13

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out for this product

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Section 16: Other Information

Abbreviations and acronyms

Abbr.	Descriptions of used abbreviations
AND	European Agreement concerning the International Carriage of Dangerous Goods by Inland Navigation
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Inland Navigation on the Rhine
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DGR	Dangerous Goods Regulations (see IATA/DGR)
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
EH40/2005	EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/dock/open-government-licence/)
EINECS	European inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
EmS	Emergency Schedule
GHS	"Globally Harmonized System of Classification and Labeling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NLP	No-Longer Polymer
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
REACH	Registration, Evaluation, Authorization and Restriction of Chemicals
RID	International regulations concerning the transport of dangerous goods by railways
STEL	Short-term exposure limit
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

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Key literature references and sources for data

Methods provided for in Article 9 of Regulation (EC) No 1272/2008 for the purpose of assessing information for classification purposes

Wording of the hazard statements and / or precautionary statements referred to in sections 2 to 15

Disclaimer

The information in this safety data sheet corresponds to the best of our knowledge at the time of the revision. This information is intended to give you indications for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.