

Material Safety Data Sheet – LentiBOOST®

Orders: ++49-89-70096199 -9

Technical Support: ++49-89-70096199 -12

web: www.sirion-biotech.de



MATERIAL SAFETY DATA SHEET – LentiBOOST®

Version 7.0

GENERIC EU MSDS - NO COUNTRY SPECIFIC DATA - NO OEL DATA

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name: LentiBOOST®

1.2 Details of the supplier of the safety data sheet

Company:

SIRION Biotech GmbH

Am Haag 6

D - 82166 Graefelfing

GERMANY

Telephone: +49 89 700 961 999

Fax: +49 89 700 961 998

E-Mail: info@sirion-biotech.de

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3 Other hazards

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC

4. FIRST AID MEASURES

4.1 Description of first aid measures

If inhaled

If irritation develops, seek medical attention.

In case of skin contact

Wash off with soap and plenty of water. If irritation develops, seek medical attention.

In case of eye contact

Flush eyes with water as a precaution. If irritation develops, seek medical attention.

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If swallowed

Rinse mouth and then drink plenty of water. If irritation develops, consult a physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No significant symptoms are expected due to the non-classification of the product.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment: Symptomatic treatment (decontamination, vital functions)

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable 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 firefighting if necessary.

5.4 Further information

none

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Ensure adequate ventilation.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

No special measures necessary provided product is used correctly

7.2 Conditions for safe storage

Store at -15°C to -35°C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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8.1 Control parameters

Components with workplace control parameters: none

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 workday.

Personal protective equipment

Eye/face protection

Safety glasses

Skin protection

Handle with gloves.

Respiratory protection

Respiratory protection is not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

- a) Appearance Form: liquid: Colour: colourless
- b) Odour: no data available
- c) Odour Threshold: no data available
- d) pH 6,0 – 7,5
- e) Melting point/freezing point: no data available
- f) Initial boiling point and boiling range: 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: no data available

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

No hazardous reactions if stored and handled as prescribed/indicated. Corrosion to metals: no corrosive effect on metals

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

No hazardous reactions when stored and handled according to instructions.

10.4 Conditions to avoid

no data available

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10.5 Incompatible materials

No substances known that should be avoided.

10.6 Hazardous decomposition products

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

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Virtually nontoxic after a single ingestion.

Irritation

Not irritating to eyes and skin.

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Mutagenicity (Ames test)

Not mutagenic

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

Signs and Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic invertebrates:

EC50 (48 h) > 100 mg/l, Daphnia magna

Aquatic plants:

EC50 (72 h) > 100 mg/l

Analogous: Assessment derived from products with similar chemical character

12.2 Persistence and degradability

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Assessment biodegradation and elimination (H₂O):
Moderately/partially eliminated from water.

12.3 Bioaccumulative potential

Based on its structural properties, the polymer is not biologically available. Accumulation in organisms is not to be expected.

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

According to Annex XIV of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria. Self-classification

12.6 Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging

Dispose of as unused product.

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

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)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

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no data available

15. REGULATORY INFORMATION

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

no data available

15.2 Chemical Safety Assessment

no data available

16. OTHER INFORMATION

Further 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. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. SIRION Biotech GmbH and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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