Safety data sheet

Fetal Bovine Serum (FBS), Heat Inactivated

Product name Fetal Bovine Serum (FBS), Heat Inactivated	Catalog no. FBS50
Synonyms -	Source SDS revision 07 April 2022
CAS no. 1943609-65-1	Format version / date 3 / 23 October 2026

01 PRODUCT AND COMPANY IDENTIFICATION

Product identifier	Fetal Bovine Serum (FBS), Heat Inactivated
Product code	FBS50
CAS number	1943609-65-1
EC number	-
Recommended use	For research use only
Supplier	EcoTech Biotechnology
Website	www.ecotechbiotech.com
Address	Universite Mah. İpekyolu Cad. Ata Teknokent Sitesi B Blok No: Z10 Yakutiye Erzurum Türkiye
Telephone / fax	0090 442 282 20 44
SDS contact	info@ecotechbiotech.com
Emergency telephone	0090 544 327 34 97
Available	Monday-Saturday/08:00-20:00/GMT+3
Languages	Turkish/English
Outside these hours	Contact: info@ecotechbiotech.com

02 HAZARDS IDENTIFICATION

Classification	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Label elements	Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
Symbols / pictograms	None
Signal word	None
Hazard statements	Not Applicable
Precautionary statements - Prevention	Not Applicable
Precautionary statements - Response	Not Applicable
Other hazards	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Possible sensitizer.

Composition & response

Heat Inactivated Fetal Bovine Serum | SAFETY DATA SHEET / SECTIONS 03-05

03 COMPOSITION / INFORMATION ON INGREDIENTS

Product name	Fetal Bovine Serum (FBS), Heat Inactivated
Synonyms	FBS
Concentration	-
Formula	-
Molecular weight	-

04 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact	After eye contact: rinse out with plenty of water. Remove contact lenses.
Skin contact	If on skin, rinse well with water.
Inhalation	After inhalation: fresh air.
Ingestion	Not expected to present a significant ingestion hazard under anticipated conditions of normal use. If you feel unwell, seek medical advice.
Most important symptoms and effects, both acute and delayed	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.
Immediate medical attention and special treatment needed	No data available

05 FIREFIGHTING MEASURES

Suitable extinguishing media	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special hazards arising from the substance or mixture	No information available.
Advice for firefighters	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	Prevent fire extinguishing water from contaminating surface water or the ground water system.

Safe use & protection

Heat Inactivated Fetal Bovine Serum | SAFETY DATA SHEET / SECTIONS 06-08

06 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Evacuate personnel to safe areas. Ensure adequate ventilation. Use personal protective equipment. Avoid formation of dust. Avoid breathing vapours, mist or gas. For personal protection see section 8.
Environmental precautions	Local authorities should be advised if significant spillages cannot be contained. Do not let product enter drains.
Methods and materials for containment and cleaning up	Cover drains. Collect bind, and pump off spills. Keep in suitable, closed containers for disposal. Avoid generation of dusts.
Reference to other sections	For disposal see section 13.

07 HANDLING AND STORAGE

Advice on safe handling	Work under hood. Do not inhale substance.
Precautions for safe handling	For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area.
Conditions for safe storage, including any incompatibilities	Recommended storage temperature -20 °C.

08 EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Ingredients with workplace control parameters.

8.2 Exposure controls

Engineering measures	Ensure adequate ventilation, especially in confined areas.
Hygiene measures	Change contaminated clothing. Preventive skin protection recommended. Wash hands after working with substance.
Eye / face protection	Wear safety glasses with side-shields conforming to European Standard EN166.
Hand protection	Wear protective gloves.
Skin and body protection	Not required.
Respiratory protection	Not required; except in case of aerosol formation.

Material properties

Heat Inactivated Fetal Bovine Serum | SAFETY DATA SHEET / SECTIONS 09-10

09 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Form: clear Color: dark amber
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Upper / lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubility(ies)	No data available
Partition coefficient: n-octanol / water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	None

10 STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	No dangerous reaction known under conditions of normal use.
Hazardous decomposition products	No data available

Health & environment

Heat Inactivated Fetal Bovine Serum | SAFETY DATA SHEET / SECTIONS 11-13

11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity	Oral: No data available Inhalation: No data available Dermal: No data available
Skin corrosion / irritation	Not classified based on available information.
Serious eye damage / eye irritation	Not classified based on available information.
Carcinogenicity	Not classified based on available information.
Reproductive toxicity	Not classified based on available information.
STOT - SE	Not classified based on available information.
STOT - RE	Not classified based on available information.
Aspiration hazard	No data available

11.2 Potential health effects

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

11.3 Additional information

No additional information is available

12 ECOLOGICAL INFORMATION

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT and vPvB assessment	This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product	Can be disposed as waste water, when in compliance with local regulations.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

Transport & reference

Heat Inactivated Fetal Bovine Serum | SAFETY DATA SHEET / SECTIONS 14-16

14 TRANSPORT INFORMATION

Mode	UN no.	UN proper shipping name	Hazard class	Packing group	al hazards
ADR/RID	-	Not regulated in the meaning of transport regulations	-	-	No
IMDG	-	Not regulated in the meaning of transport regulations	-	-	No
IATA	-	Not regulated in the meaning of transport regulations	-	-	No

Special precautions for user	Not classified as dangerous in the meaning of transport regulations.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable

15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation	This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Chemical Safety Assessment	For this product a chemical safety assessment was not carried out.

16 OTHER INFORMATION

Key to abbreviations and acronyms

STOT-SE	Specific Target Organ Toxicity - Single Exposure
STOT-RE	Specific Target Organ Toxicity - Repeated Exposure
PBT	Persistent Bioaccumulative and Toxic
vPvB	very Persistent very Bioaccumulative and toxic
ADR	European Agreement concerning the international carriage of Dangerous goods by Road
CAS	Chemical Abstracts Service
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime code for Dangerous Goods
REACH	Registration, Evaluation, Authorization and restriction of Chemicals
RID	Regulations concerning the International transport of Dangerous goods by rail

Document revision record

Format version / date	3 / 23 October 2026
Revision notes	Layout update to the EcoTech refined template; safety information unchanged.