Fetal Bovine Serum

According to Regulation (EC) No. 1907/2006 (REACH)
Date of compilation 15.06.2021
Revision Date   25.08.2023
Version   004/08.2023
Replaces Version of   23.08.2023 (Version 003/08.2023)

Section 1	**Identification of the Substance/Mixture and of the Company/Undertaking**

Product Identifieres
Product name: FBS NEO, Fetal Bovine Serum
Catalogue No: NB-580035A (500 ml), NB-580035B (100 ml)
                       FBS NEO, Collected in South America
                       NB-58-0035A (500 ml), NB-58-0035B (100 ml) FBS NEO, Origin USA
                       NB-58-0036A (500 ml), NB-58-0036B (100 ml) FBS NEO, Origin Australia

REACH No.   A registration number is not available for this substance as the substance or its
                       uses are exempted from registration, the annual tonnage does not require a
                       registration, or the registration is envisaged for a later registration deadline.

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against
Identified uses: Laboratory chemicals, Manufacture of substances.

Details of the Supplier of the Safety Data Sheet
Company: Neo Biotech
                       74 rue des suisses
                       92000 Nanterre
                       France
Phone: +33977400909
E-Mail: info@neo-biotech.com

Emergency Telephone Number
Emergency Phone:+33977400909

Section 2	**Hazards Identifications**

Classification of the substance or mixture
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.

Other hazards

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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.

Section 3   Composition/Information on Ingredients

Substances
Synonyms: FBS

No components need to be disclosed according to the applicable regulations.

Section 4   First Aid Measures

Description of first aid measures

If inhaled	If breathed in, move person into fresh air. If not Breathing, give artificial respiration.
In case of eye contact	Wash off with soap and plenty pf water.
In case of eye contact	Flush eyes with water as a precaution.
If swallowed	Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed
To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Indication of any immediate medical attention and special treatment needed
No data available.

Section 5   Firefighting Measures

Extinguishing media
Suitable extinguishing media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special hazards arising from the substance or mixture
Nature of decomposition products not known.

Advice for firefighters
Wear self-contained breathing apparatus for firefighting if necessary.

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Further information
The product itself does not burn.

Section 6   **Accidental Release Measures**

Personal precautions, protective equipment and emergency procedures
Avoid breathing vapors, mist or gas.

Environmental precautions
Do not let product enter drains.

Methods and materials for containment and cleaning up
Keep in suitable, closed containers for disposal.

Section 7   **Handling and Storage**

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

Conditions for safe storage, including any incompatibilities
Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened
must be carefully resealed and kept upright to prevent leakage.
Recommended storage temperature: ≤-15°C.

Section 8   **Exposure Controls/Personal Protection**

Control parameters
Components with workplace control parameters

Exposure controls

Appropriate engineering controls
General industrial hygiene practice.

Personal protective equipment

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Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skinprotection
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 with this product. 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
Impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

Section 9	Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance	Form: liquid
	Colour: amber
Odor	No data available.
pH	No data available.
Melting/freezing point	No data available.
Initial boiling point and range	No data available.
Flash point	No data available.
Evaporation rate	No data available.
Flammability (solid, gas)	No data available.
Upper/lower flammability or exposure limits	No dataavailable.
Vapour pressure	No dataavailable.
Vapour density	No data available.
Relative density	No data available.
Water solubility	No data available.
Partition cofficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.

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Decomposition temperature	No data available.
Viscosity	No data available.
Explosive properties	No data available.
Oxidizing properties	No data available.

Other safety information
No data available

Section 10   Stability and Reactivity

Reactivity
No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
No data available.

Conditions to avoid
No data available.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Other decomposition products: No data available.

Section 11   Toxicological Information

Information on toxicological effects

Acute toxicity
No data available.

Skin corrosion/irritation
No data available.

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Serious eye damage/eye irritation
No data available.

Respiratory or skin sensitization
No data available.

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
No data available.

Specific target organ toxicity – repeated exposure
No data available.

Aspiration hazard
No data available.

Additional Information
RTECS: No data available.

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

Section 12	Ecological Information

Toxicity
No data available.

Persistence and degradability
No data available.

Bioaccumulative potential
No data available.

Mobility in soil
No data available.

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Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

Other adverse effects
No data available.

Section 13   Disposal Considerations

Waste treatment methods
Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

Section 14   Transport Information

UN-number
ADR/RID: -   IMDG: -   IATA: -

UN proper shipping name
ADR/RID: Not dangerous goods
IMDG: Not dangerous goods
IATA: Not dangerous goods

Transport hazard class(es)
ADR/RID: -   IMDG: -   IATA: -

Packaging group
ADR/RID: -   IMDG: -   IATA: -

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

Special precautions for user
No data available.

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Section 15	Regulatory Information

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

Safety, health and environmental regulations/legislation specific for the substance or mixture
No data available.

Chemical Safety Assessment
For this product a chemical safety assessment was not carried out.

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. 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.