



Safety Data Sheet (SDS)

LPBSL001

Buffered Sodium Chloride Peptone Solution

Section 1 – Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Catalog No.	LPPWL001
Product	Buffered Sodium Chloride Peptone Solution

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

Identified uses	Biochemical research/analysis, Laboratory chemicals Analytical purpose, For <i>In vitro</i> Diagnostics Use.
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1.3 Details of the supplier of the safety data sheet:

M/s Lifecare Pharma,

Unit-I: Plot no 119, Industrial Area Phase-2, Panchkula, Haryana-134113.

Tel: +91 8219752810, E-Mail: sales@lifecarepharma.in,

Section 2 – Hazards Identification

2.1 Classification of the substance or mixture:

CLP Classification-Regulation (EC) No. 1272/2008[EU-GHS/CLP]

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

2.2 Label elements:

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

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

Other hazards: None

Section 3 – Composition / Information on Ingredients

3.1 Substance: Not applicable.

3.2 Mixture: Ingredients used for this mixture are nonhazardous. No disclosure requirement according to regulations.

Section 4 – First Aid Measures

4.1 Description of first aid measures

General Information	Get medical attention if symptoms occur.
Inhalation	Provide fresh air, in case unconscious; maintain adequate airway and respiration. Consult a doctor/medical service in case of breathing problems.
Ingestion	Wash out mouth with water. If symptoms persist, consult a physician.
Skin Contact	Wash thoroughly with soap and water. Take off immediately all contaminated clothing. Consult a doctor/medical service if irritation persists.
Eye Contact	Rinse out with plenty of water. Remove contact lenses. If symptoms persist, consult a physician.

4.2 Most important symptoms and effects, both acute and delayed: None

Section 5 – Fire Fighting Measures

5.1 Suitable Extinguishing Agents: CO₂, ABC multipurpose dry chemical or water spray. Fight large fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture: Development of hazardous combustion gases or vapors possible in the event of fire.

5.3 Special Protective Equipment and Advice for firefighters: Wear self-contained breathing apparatus for firefighting, if necessary

Section 6 – Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures: No special precautionary health measures should be needed under anticipated conditions of use. Wear appropriate personal protective equipment (PPE) as regulated by your laboratory protocol including lab coat, safety glasses, and gloves.

6.2 Methods and materials for containment and cleaning up: Clean up affected area. Avoid generation of dusts. Soak up with inert absorbent material and dispose contaminated material as waste according to section 13.

6.3 Environmental precautions : Avoid release to the environment.

Section 7 – Handling and Storage

7.1 Precautions for safe handling: Avoid contact with eyes, skin and clothing.

7.2 Conditions for safe storage, including any incompatibilities: Store in a cool, dry place.
Recommended storage temperature, check product label.

7.3 Specific end uses: Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

Storage Store at 15°C-25°C

Section 8 – Exposure Control / Personal Protection

8.1 Control parameters: Contains no substances with occupational exposure limit values.

8.2 Appropriate engineering controls: General industrial hygiene practice; Avoid contact with skin, eyes and clothing. Wash hands before and after handling the products.

Personal protective equipment:

Eye/face protection: Use safety glasses.

Skin protection: Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique to avoid contact. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection: Choose body protection in relation to the specific work-place.

Respiratory protection: Wear mask or other protective equipment's. Ensure adequate ventilation.

Environmental exposure controls: Do not empty into drains.

Section 9 – Physical and Chemical Properties

9. Information on basic physical and chemical properties:

Colour of medium	clear colorless
Odour Threshold	No data available
Odour	No data available
pH	7.1 ± 0.2
Melting/freezing point	No data available
Initial boiling point and boiling rang	No data available
Flash point	No data available
Flammability (Solid, gas)	No data available
Vapour pressure	No data available
Relative density	No data available
Water Solubility	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidizing properties	No data available
Vapour density	No data available
Thermal decomposition	No data available

Section 10 – Stability and Reactivity

10.1 Reactivity: Stable under recommended transport or storage condition.

10.2 Chemical stability: Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4 Conditions to avoid: Avoid exposure to heat and moisture to maintain product stability.

10.5 Incompatible materials: No data available.

10.6 Hazardous decomposition products: No decomposition if used according to the specification.

Section 11 – Toxicological Information

11. Information on toxicological effects:

Acute toxicity	No data available
Skin corrosion/irritation	No data available
Serious eye damage/eye irritation	No data available
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity IARC	No data available

Potential Health Effects:

Inhalation	May be irritating if inhaled
Skin	No irritating effects
Eyes	No irritating effects
Ingestion	May be harmful
Sensitization	No sensitization effects known Repeated exposure might cause allergic reactions in sensitive individuals
Additional Toxicological Information	None

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
PBT and vPvB assessment	This product is not identified as a PBT/vPvB
Other adverse effects	No data available

Section 13 – Disposal Considerations

13. Waste treatment methods

Product: Dispose of waste in accordance with current legislation and local regulations as per established safety procedures.

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Contaminated packaging: Handle uncleaned containers like the product itself.

Recommendation: Ensure decontamination of the prepared material and contaminated containers by autoclaving and / or incineration before discarding.

Section 14 – Transport Information

14.1 UN number: NA

14.2 UN proper shipping name: This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADA/RID).

14.3 Transport hazard class(es): Non-hazardous for transport.

14.4 Packaging group: NA

14.5 Environmental hazards

ADR/RID: No

IMDG Marine pollutant: No

IATA: No

Special precautions for user: Store the product as per recommended storage conditions refer section 7

Section 15 – Regulatory Information.

15.1 Safety health and environment regulations / legislation specific for the substance or mixture: Specific regulation: Applicable national / regional or local regulations. Safe for all kinds of modes of transportation.

15.2 Chemical Safety Assessment: Not applicable.



Section 16 – Other Information

This product is for use by professionals.

The information given in this safety data sheet is believed to be correct yet does not claim to be all inclusive. This document is intended only as a guide for appropriate precautionary handling of the material by properly trained individuals, information here being commensurate with the present state of our knowledge regarding the manner and conditions of use, handling, storage or disposal. The information provided herein shall not be considered as guarantee of the properties of the product. Lifecare Pharma shall not be held liable for any damage resulting from improper handling or contact with the above product. Unless explicitly stated on the product or in any of the documentation accompanying the product, it is intended for research or testing purpose only and is not to be used for any other purpose.