
SAFETY DATA SHEET

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

Identification of the substance/mixture:

Name: Physiological Buffer Solution
Product code: LMB-04
Abbreviation: PFR 1000
Use: Auxiliary solution used in serological analyzes.

Company/undertaking identification:

Name: EnviroLab s.r.o.
Address: Galvaniho 7, 821 04 Bratislava
Phone: +421-2-69 307 112 Fax: +421-2-64 774 131
Place of business: Obchodná ulica 7, 946 51 Nesvady
Phone: +421-35-790 29 11

Emergency line:

Organization: National Toxicological Information Center, Limbová 5, 833 05 Bratislava
Phone: +421-2-54 774 166

2 – HAZARD IDENTIFICATION

This product is not classified as dangerous under European Union legislation.

3 – COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components:

The product does not contain any components classified as dangerous according to European Union directives.

4 – FIRST AID MEASURES

Following eye contact:

Rinse with plenty of water.

Following skin contact:

Wash affected skin with water and soap. Remove contaminated clothing.

Following ingestion:

Let the victim drink 1 to 2 glasses of water. Induce vomiting. In the case of nausea, consult a doctor.

5 – FIRE-FIGHTING MEASURES

Suitable extinguishing media:

To extinguish use a snow, foam, water or powder fire extinguisher, depending on the materials stored in the immediate vicinity.

Specific hazards during fire fighting:

Nonflammable

Additional information:

Avoid contamination of the surface or groundwater system with water used for fire extinguishing.

6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear suitable protective clothing.

Environmental precautions:

Do not drain into sewer system.

Cleaning methods:

Remove with absorbent material. Send for disposal.

7 – HANDLING AND STORAGE

Handling:

No further requirements.

Storage:

Store in a cool place at 2 – 8°C.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Does not contain any substances with occupational exposure limit values.

Personal protective equipment:

For a specific workplace, it is necessary to choose specific work clothes, depending on the concentration and amount of dangerous substances being handled. The resistance of chemical protective clothing must be checked with the supplier concerned.

Hand protection:

Use disposable vinyl gloves.

For more detailed information, see Section 11 – Toxicological Information

9 – PHYSICAL AND CHEMICAL PROPERTIES

Basic information:

Physical state:	liquid
Color:	colorless
Odor:	odorless
pH value:	7,2 (20 °C)
Boiling point / distillation range:	100 °C

10 – STABILITY AND REACTIVITY

Conditions to be avoided:

No information available.

Substances to be avoided:

Alkali metals and alkaline earth metals.

Hazardous decomposition products:

No information available.

11 – TOXICOLOGICAL INFORMATION

Acute toxicity:

Quantitative data on the toxicity of this product are not available.

Additional information:

The product should be handled with caution usual for chemicals handling.

12 – ECOLOGICAL INFORMATION

Ecotoxic effects:

The product is not classified as dangerous for the environment.

Other ecological data:

Depending on the concentration, phosphates can contribute to the eutrophication of water sources.

No ecological problems are to be expected, if the product is handled and used with due care and attention.

13 – DISPOSAL MEASURES

Product:

The product is not hazardous waste.

Packaging:

The product packaging must be disposed of in accordance with applicable legislation.

14 – TRANSPORT INFORMATION

Not assessed as dangerous under transport regulations.

15 – REGULATORY INFORMATION

16 – OTHER INFORMATION

*The information provided in this Safety Data Sheet is based on the current state of our knowledge.
It characterizes the product with respect to the adequate safety precautions. It does not represent any guarantee of the product's
properties.*