

### 1. Identification of substance:

**Trade name:** FERSISI Bacteriophage

**Manufacturer/Supplier:**

Eliava BioPreparatons LTD  
3 Gotua Str., 0160, Tbilisi, Georgia  
Tel: +995322370702  
e-mail: [info@phage.ge](mailto:info@phage.ge)

### 2. Hazards identification

**Hazard description:**

This product contains no hazardous constituents, or the concentrations of all chemical constituents are below the regulatory threshold limits described by the Occupational Safety and Health Administration Hazard Communication Standard or European Directive 91/155/EEC, and 93/112/EC.

### 3. Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description:** Not applicable

### 4. First aid measures

- **General information** No special measures required.
- **After inhalation** No special measures required.
- **After skin contact** No special measures required.
- **After eye contact** No special measures required.
- **After swallowing** No special measures required.

### 5. Firefighting measures

- **Suitable extinguishing agents**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

### 6. Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Not required.
- **Measures for cleaning/collecting:** No special measures required.
- **Additional information:** No dangerous substances are released.

### 7. Handling and storage

- **Handling**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** 2 - 8°C
- **Information about storage in one common storage facility:** None.
- **Further information about storage conditions:** None.

### 8. Exposure controls and personal protection gear

- **Additional information about design of technical facilities:** No further data; see item 7
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Preparation is a sterile liquid and should be handled as sterile product. Do not use preparation if cloudy!
- **Respiratory protection:** None
- **Protection of hands:** None
- **Eye protection:** None
- **Body protection:** None

### 9. Physical and chemical properties:

· <b>General Information</b>	
<b>Form:</b>	Liquid.
<b>Colour:</b>	Yellow
<b>Odour:</b>	Characteristic
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b> Not determined	
<b>Boiling point/Boiling range:</b> 100 °C ± 5°C	
· <b>Flash point:</b>	Not applicable
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Density:</b>	Not determined
· <b>Solubility in / Miscibility with Water:</b> Soluble	

### 10. Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** Preparations will lose its activity if exposed to temperatures higher than 45 °C.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous decomposition products:** No dangerous decomposition products known

### 11. Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** No irritant effect.
- **On the eye:** No irritating effect.
- **Sensitization:** Preparation is an antibacterial solution
- **Additional toxicological information:** Preparation is not toxic

The product is not subject to classification according to the calculation method of the General EU Classification. Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

The substance is not subject to classification according to the latest version of the EU lists.

### 12. Ecological information:

Date Prepared: 17.12.2020

Revision: 2

- **Ecotoxicological effects:**
- **Other information:**  
None has been identified
- **General notes:** Not hazardous for water.

### 13. Disposal considerations

- **Product:**  
**Recommendation**
- Smaller quantities can be disposed with household waste.
- Must be specially treated adhering to official regulations.
- **Uncleaned packaging:**  
**Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14. Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** N/A (Non dangerous goods)
- **Maritime transport IMDG**
- **IMDG Class:** N/A (Non dangerous goods)
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** N/A (Non dangerous goods)

### 15. Regulations

- **IARC (International Agency for Research on Cancer)**  
Substance is not listed.
- **Labeling according to EU guidelines:**  
Observe the general safety regulations when handling preparation.  
The substance is not subject to classification according to EU lists and other sources of literature known to us.  
The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).
- **National regulations**  
Preparation is a registered pharmaceutical product of Group III
- **Water hazard class:** No hazardous for water.

### 16. Other information:

**Disclaimer:**

To the best of our knowledge, the information contained herein is accurate. However, neither EBP nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards described herein, we cannot guarantee that these are the only hazards that exist.

- **Department issuing MSDS:** Quality Assurance Department
- **Contact:** Quality Assurance Representative