
Phago-Pyo Bacteriophage

Product description

Composition:

Phago-Pyo bacteriophage is a combined solution which is a mix of sterile filtrates of phage lysates active to:

- Staphylococcus;
- Streptococcus;
- Different types of E. coli;
- Pseudomonas aeruginosa;
- Proteus;

Inactive ingredients: Bacteriological growth medium, standard sodium saline. Chinazolin as a preservative.

Description:

Solution is transparent liquid, with yellow to light brown colour.

Pharmacological actions:

Phago-Pyo bacteriophage leads to a specific lysis of bacteria belonging to: Staphylococcus, Streptococcus, E.coli (Different serotypes), Pseudomonas aeruginosa, Proteus species.

Recommendations for use:

Phago-Pyo bacteriophage is a paratherapeutic product. It can be used during purulent inflammatory and enteric infectious diseases caused by above enlisted microorganisms.

Indications:

- Otorhinolaryngeal and respiratory bacterial infections including: rhinitis, otitis, paranasal sinusitis, pyogenic tonsillitis, pharyngitis, laryngitis, tracheitis, bronchitis, pneumonia, pleuritic;
- Dermatological bacterial infections including: pyoderma, abscesses, furunculi and carbuncles, hydradenitis;
- Surgical site bacterial infections including: infectious wounds, mastitis, flegms;
- Oral bacterial infections including: stomatitis, gingivitis, periodontitis and other;
- Ocular bacterial infections, including: conjunctivitis, blepharitis;
- Burn wounds with secondary bacterial infections
- Urogenital and gynecological infections: Urethritis, cystitis, pyelonephritis, colpitis, endometritis;
- Gastrointestinal bacterial infections including: gastroenterocolitis, dysbacteriosis (bacterial overgrowth syndrome), paraproctitis;
- Omphalitis of newborn, purulent septic infections in children (including newborn);
- Infectious diseases lead by Staphylococcus, Streptococcus, E. coli (Different serotypes), Pseudomonas aeruginosa, Proteus bacteria;
- Prophylactic purposes against post-operational complications and hospital infections;

Usage and dosage:

Optimal results are achieved when Phago-Pyo bacteriophage is used at the onset of infection and when introduced directly to the infection site. Phago-Pyo bacteriophage is used as a disinfecting agent by phage soaked bandages applied directly into a cavity (wound, including abscess, abdominal, pleural, nasal, urinary bladder, uterine, vaginal) The solution may be used orally per os, and/or by urinary catheter or rectally per rectum via enema.

- Local application of Phago-Pyo bacteriophage is performed daily during 3-5 day period, three times a day. Amount of the solution is determined by the size of the affected area. If various chemical antiseptics were used to treat the wound before phage application, it should be cleaned by sterile saline solution and 2-3% soda solution should be applied.
- For use during abscesses, pleuritis, arthritis, and peritonitis, 50-200ml of Phago-Pyo bacteriophage may be instilled directly into the cavity, every other day. (Exact amount of applied phage is determined based on the size of cavity) Before instillation of bacteriophages, pus from cavities should be extracted.
- During cystitis and pyelonephritis Phago-Pyo bacteriophage may be administered via urinary catheter or per os;
- During cholecystitis, Phago- Pyo bacteriophage can be applied through intubation with amount of 30 ml every other day.
- In case of stomach surgery or peritonitis, 100ml phage is applied in cavity, daily during 3-4 days. In case of application through catheter 30ml phage is applied daily during 3-4 days.
- For use during deep forms of pyoderma. Intradermal injection may be used (0.1-0.5 ml per injection) up to maximum of 10 injections during 24 hours.
- For conjunctivitis, Phago-Pyo bacteriophage is instilled via pipette, 2 drops in each eye, 4-6 times daily during 3-5 days.
- In cases of neonatal omphalitis and pyoderma, application is by Phage soaked bandage twice daily for 5-7 days.

During Per os application of Phago-Pyo bacteriophage in adults and children from age of 3, drinking of 2-3% baking soda solution (one glass, 150-200 ml) is recommended.

Special Warnings:

Before use, the vial should be well shaken. The contents should be transparent liquid without sediment. The solution should not be used in case of vials damage or if the liquid inside is non-transparent! Do not store and use the solution after destroying the integrity of the vial!!!

Overdosing, contradictions and side effects:

During the usage of Phago-Pyo bacteriophage, overdosing symptoms have not been revealed.

Usage of Phago-Pyo bacteriophage does not have contradictions.

No side effects have been revealed during usage of Phago-Pyo bacteriophage.

Usage together with other preparations:

Phago-Pyo can be used in parallel or supplemental to other medications. Drinking alcohol during use of bacteriophages is not recommended.

Specific categories of customers:

Pregnancy and lactation:

Bacteriophages can be used during pregnancy and lactation period.

Usage in elderly people:

Bacteriophages are used in elderly people.

Effect on drivers and people working with potentially harmful machines:

Usage of bacteriophages does not affect driving skills or skills of other equipment usage.

Packaging:

Phago-Pyo bacteriophage is produced in 10 ml vials (5 vials per pack).

Storage conditions and shelf life:

Store at +2°C - +8°C in dry place, protected from direct light.

Shelf life 24 month.

Issued without prescription

Preparation developed by G. Eliava Institute of Bacteriophages,
Microbiology and Virology

Phago-Pyo is a paratherapeutic product and doesn't include GMO.

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