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PUŁAWY

Offer for pigeons

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List of products

Elisol

Multi-electrolyte solution for managing water electrolyte imbalance in pigeons. Supplementary compound feed for pigeons.

Enflocyna® Sol

Oral solution of enrofloxacin used in the treatment of systemic and local diseases in cattle, swine, dogs, chickens, turkeys and pigeons.

Immunex complex

Immunity boosting capsules for pigeons. Supplementary fodder mixture for pigeons.

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Powder for treating dog and pigeon skin, used for combating ectoparasites invasion (fleas, ticks, lice and pigeon ticks).

Mycosalmovir®

Inactivated vaccine against salmonellosis, paramyxovirosis and mycoplasmosis in pigeons. Emulsion for injection in pigeons.

PM – VAC®

Inactivated vaccine against paramyxovirosis of pigeons. Emulsion for injection in pigeons.

Salmovir®

Inactivated vaccine against salmonellosis and paramyxovirosis in pigeons. Emulsion for injection in pigeons.

Date of editing: January 2019

Elisol

Multi-electrolyte solution for managing water electrolyte imbalance in pigeons
Supplementary compound feed for pigeons

Ingredients

Sodium chloride (NaCl) – 4 070 mg/l
Calcium chloride hexahydrate ($CaCl_2 \cdot 6H_2O$) – 550 mg/l
Magnesium chloride hexahydrate ($MgCl_2 \cdot 6H_2O$) – 50 mg/l

Feed additives

Potassium citrate monohydrate ($C_6H_5O_7K_3 \cdot H_2O$) [preservative 1a E332] – in the mixture the source of potassium ions K^+ – 18 250 mg/l
Sodium citrate dihydrate ($C_6H_5O_7Na_3 \cdot 2H_2O$) [preservative 1 a E 331] – in the mixture the source of sodium ions Na^+ – 1910 mg/l
Iron chloride hexahydrate ($FeCl_3 \cdot 6H_2O$) [trace element 3 b E 1] – 1160 mg/l
Citric acid monohydrate ($C_6H_8O_7 \cdot H_2O$) [preservative 1 a E 330] – in the mixture pH stabiliser – 190 mg/l
Zinc chloride ($ZnCl_2$) [trace element 3 b E 6] – 177 mg/l

Analytical constituents: total protein below 5%, crude fat below 1%, crude fibre below 1%, crude ash below 2%, water 98%.

Indications

Elisol is a multi-electrolyte solution used in dehydration, after physical effort and in stressful situations such as transport, exhibitions and feebleness after flight. Elisol strengthens the pigeon's body through supplementation of deficient micro- and macroelements.
Flight pigeons should receive Elisol before the flight and after the contest.

Posology

Elisol should be administered in drinking water 10 ml per 1l of water which constitutes a dose for 20 pigeons. The vessels should be cleaned. Water used for dilutions should be clean, preferably boiled.
Elisol should be administered twice a week.

Storage

Store at room temperature. Once opened, the durability of the product is max. 4 weeks. Protect from light.

Shelf life

18 months

Available pack size

100 ml

For animal treatment only.

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Enflocyna® Sol

Oral solution of enrofloxacin used in the treatment of systemic and local diseases in cattle, swine, dogs, chickens, turkeys and pigeons

Active substance and excipient content

Active substance

Enrofloxacin – 50 mg/ml

Excipient

Benzyl alcohol (E-1519) – 15.7 mg/ml

Therapeutic indications

Enflocyna Sol is effective in the treatment of systemic and local diseases caused by microorganisms sensitive to this agent, especially in bacterial infections of the respiratory and urogenital tracts, as well as in bacterial skin diseases, wound infections, and secondary infections following viral diseases.

It has a broad spectrum of activity covering Gram-positive bacteria (particularly *Staphylococcus spp., Streptococcus spp.*), Gram-negative bacteria (*E. coli, Salmonella spp., Pasteurella spp., Klebsiella spp., Pseudomonas spp.*), and mycoplasmas.

The efficacy of enrofloxacin has been proved particularly in the treatment of the following conditions in target species:

Cattle (calves): infections of the respiratory tract caused by *Klebsiella spp., Pasteurella spp., Mycoplasma spp.*; infections of the urinary tract caused by *Staphylococcus spp., Klebsiella spp.*, *Pseudomonas spp* and gastrointestinal infections caused by *E. coli, Salmonella spp.*

Swine: infections of the respiratory tract caused by *Klebsiella spp., Pasteurella spp.,Mycoplasma spp.*, infections of the urinary tract caused by *Klebsiella spp., Pseudomonas spp* ., gastrointestinal infections caused by *E. coli, Salmonella spp.,* MMA syndrome caused by *Staphylococcus spp., Streptococcus spp., E. coli, Klebsiella spp.*

Dogs: infections of the respiratory tract caused by *Staphylococcus spp., Klebsiella spp., Pasteurella spp., Mycoplasma spp.,* infections of the urinary tract caused by *E. coli,Klebsiella spp., Pseudomonas spp.*, and gastrointestinal infections caused by *E. coli, Salmonella spp.*

Pigeons: systemic infections caused by *Staphylococcus spp., Escherichia coli, Salmonella spp., Pasteurella spp.*, *Mycoplasma spp.,* and bacterial infections following viral diseases.

Chickens and turkeys: treatment of infections caused by following bacteria susceptible to enrofloxacin:

Chickens: *Mycoplasma gallisepticum, Mycoplasma synoviae, Avibacterium paragallinarum, Pasteurella multocida, Escherichia coli.*

Turkeys: *Mycoplasma gallisepticum, Mycoplasma synoviae, Pasteurella multocida, Escherichia coli.*

Contraindications

- Do not use as a preventive measure.
- Do not use in case of diagnosed resistance/cross-resistance to fluoroquinolones or quinolones in a flock intended for treatment.
- Do not use in dogs of small breeds up to 8 months of age, in large breeds up to 1 year of age, and in very large breeds even up to 18 months of age.
- Do not use in hens laying eggs for consumption.
- Do not use during pregnancy and lactation.
- Do not use in calves with developed rumen function.
- Do not use in hypersensitivity to the active substance or any excipient.

Adverse reactions

Very rare. After a long-term administration of high doses, articular cartilage lesions may sometimes develop in growing animals as well as transient dysfunctions of the gastrointestinal tract and the nervous system.

Any adverse reactions emerged after administration of the product or any observed symptoms not listed in the leaflet (including symptoms reported in humans following exposure to the product) should be reported to the competent veterinarian, Marketing Authorisation Holder or the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products. The report form should be downloaded from http://www.urpl.gov.pl (Department of Veterinary Medicinal Products).

Posology per each species, routes and methods of administration

Cattle (calves)	0.05-0.10 ml/kg b.w. for 3-5 days
Swine	0.05-0.10 ml/kg b.w.for 3-5 days
Dogs	0.05-0.10 ml/kg b.w.for 3-5 days

Chickens and turkeys 0.20 ml/kg, b.w. (ie. 10 mg of enrofloxacin/ kg bw.) per day for 3-5 consecutive days.

Administer for 3-5 successive days; in combined infections or progressing chronic infections for five days. If no clinical improvement occurs within 2-3 days, consider treatment with alternative antimicrobial drugs on the basis of resistance tests.

Pigeons: 0.1 – 0.4 ml /kg bw.

The product should be administered dissolved in water, assuming that 20 pigeons drink one litre of water daily. If the amount of water intake is different, this should be reflected in the dosage.

Salmonellosis: 0.4 ml/kg b.w., i.e. 4 ml/1 l of water daily for three days or 2 ml/1 l for 7-10 days.

Mycoplasmosis, infectious esophagitis of pigeons: 0.2 ml/kg b.w., i.e. 2 ml/l of water for 4-7 days.

Other bacterial infections: 0.1 ml/kg bw. i.e. 1 ml/litre of water by 3-4 days.

Recommendations for proper administration
The prepared solution of Enflocyna Sol should be used within 24 hours
The product is administered to animals after previous dilution in drinking water, milk or milk substitutes. Liquids with the drug should be replaced every 24 hours.
Determine the animal's body weight as precisely as possible, so that the dose of the antibiotic is not too low.
Intake of the prepared solution depends on the clinical condition of the treated animals.
The concentration of the solution should be prepared properly in order to obtain an appropriate dose of the antibiotic for the treated animals.

Withdrawal period
Edible tissues
cattle and swine: 10 days,
chickens: 7 days,
turkeys: 13 days,
Dogs − not applicable.

- Do not use in pigeons intended for consumption.
- Do not use in hens laying eggs for consumption.
- Do not use in young birds bred for laying hens whose eggs are intended for human consumption within 14 days before their laying period.

Special precautions for storage
Keep out of reach and sight of children.
Store at temperature below 25°C. Protect from light. Do not freeze.
The durability period after the first opening of the immediate container: 28 days. The durability period after dilution with drinking water, milk or milk substitutes − 24 hours. Do not use the veterinary medicinal product after the expiry date stated on the label. The expiry date refers to the last day of that month.

Special warnings
Special warnings concerning each of the target animal species:
Only use in calves with undeveloped rumen functions.
Treatment of *Mycoplasma spp.* infections might not lead to eradication of the bacteria.

Special precautions for use in animals
Principles of prudent use:
If possible, the use of fluoroquinolones should be based on results of antibiotic sensitivity test.
During product use, comply with the valid national and local guidelines for using antibacterial drugs.
Fluoroquinolones should be used in treating only those diseases in which observed response to administration of other classes of antibacterial drugs is not satisfactory or the response to treatment is expected to be insufficient.
Using the product contrary to provisions of the Summary of Product Characteristics may lead to increased prevalence of microbial resistance to fluoroquionolones and decreased effectiveness of treatment using fluoroquinolones due to emergence of a potential cross-resistance.
Since the first marketing authorisation for enrofloxacin for use in poultry, an incremental decrease in the sensitivity of *E. coli* to fluoroquinolones and emergence of resistant microorganisms have been observed. Also, cases of *Mycoplasma synoviae* have been reported in the EU.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:
In case of contact with skin, mucous membranes – immediately flush affected sites with water.

Pregnancy:
Do not use the product in pregnant animals.

Lactation:
Do not use the product in lactating animals.

Laying period:
The product may be used during laying period.

Interactions with other medicinal products and other forms of interaction:
Do not use concomitantly with macrolide antibiotics, tetracyclines and theophylline; in pigeons with coccidiostats. Magnesium and aluminium compounds may reduce the absorption of enrofloxacin from the gastrointestinal tract.

Overdose (symptoms, procedures concerning immediate help and antidotes):
Enrofloxacin has low toxicity after single administration and low acute toxicity. LD_{50} is about 4000-5000 mg/kg of body weight after oral administration in rats and mice, whereas in rabbits which are more susceptible – 500-800 mg/kg of body weight.
After single administration of a particularly high dose, toxic effects may emerge manifested in lethargy, convulsions, tonic seizures, ataxia and dyspnoea.

Pharmaceutical incompatibilities:
Since no conformity tests of this veterinary medicinal product have been conducted, this product must not be combined with other veterinary medicinal products.

Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products
Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Available containers
100 ml

Shelf life
2 years

Other information
For more information about this veterinary medicinal product, contact the Marketing Authorization Holder.

For animal treatment only.
Subject to medical prescription – prescription drug
To be administered under veterinary supervision.
Marketing Authorization Holder and the manufacturer responsible for batch release:

Biowet Puławy Sp. z o.o.
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www.biowet.pl

Immunex complex

Immunity boosting capsules for pigeons
Supplementary fodder mixture for pigeons

Composition
Dicalcium phosphate, glucose, grape seed extract 95%, β-1,3/1,6 – D-glucan (product obtained from yeast *Saccharomyces cerevisiae*), magnesium stearate

Excipients
Ascorbic acid (3a)
– 250 000 mg/kg
Vitamin E (3a700)
– 8 000 mg/kg
β-carotene (E160a)
– 16 000 mg/kg
Purple coneflower (2b)
– 50 000 mg/kg
Colloidal silica (E551b)
– 20 000 mg/kg

Analytical composition
crude fibre: below 1.00%, crude ash: 24.71±3.06%, total protein: below 5.00%, total fat after hydrolysis: 1.61 ± 0.21 %

Indications for use
The product is indicated for use in pigeons with reduced immunity resulting from infection, before competition flights, exhibitions, transport, during nestling rearing time, during convalescence after diseases.
Immunex complex is recommended in adjuvant therapy of viral and bacterial disease and in the vaccination period. It is particularly indicated for young pigeons and flying pigeons when they are required to be in top form.

Properties
Immunex complex contains betaglucan which stimulates production of antibodies, which induces improvement of immunity to infections. Betaglucan also accelerates regeneration of tissues, has antineoplastic properties and is an antioxidant. Purple coneflower has antiviral, antifungal, anti-allergic and antineoplastic properties. The grape seed extract protects the cardiovascular system, counteracts occurrence of free radicals and removes them from the body. Ascorbic acid (vitamin C) boosts the body's immunity. Vitamin E has an anti-inflammatory effect, accelerates wound healing, and prevents damage to the cell membrane induced by free radicals. It also protects against clot formation in blood vessels. Glucose is a basic energy source necessary for the proper function of the body.

Posology
In adjuvant therapy:
– during rearing time: 2 capsules/1kg of fodder for seven days,
– in vaccination period: 2 capsules/1kg of fodder for 10 successive days before vaccination,
– during infection treatment: 2 capsules/1kg of fodder throughout antibiotic therapy and three days afterwards.

After the therapy, at least a two-week break is recommended before re-application.
In prophylaxis:
1 capsule/1 kg of fodder for 10 successive days.

Method of administration
Mix the content of the capsule in a small amount of oil or water with added honey, according to the user's preferences, before mixing with fodder. The product which is prepared in such a manner can be added to grain and mixed thoroughly. If diarrhoea occurs in the flock, oil is not recommended for use as a grain lubricant.

Storage conditions
Store in a dry and cool place.

Net weight: 70.0 g (70 capsules)

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Additional information

Capsule composition	
β-1,3/1,6-D-glucan	34 mg
β-carotene	16 mg
Vitamin E 50%	34 mg
Purple coneflower extract	50 mg
Grapefruit seed extract	170 mg
Ascorbic acid	250 mg
Dicalcium phosphate	234 mg
Glucose	190 mg
Magnesium stearate	20 mg
Colloidal silica	20 mg

Veterinary identification number: α PL0614003p

Insectin®

Powder for treating dog and pigeon skin, used for combating ectoparasites invasion: (fleas, ticks, lice and pigeon ticks)

Active substance and excipient content

Permethrin (as permethrin 25: 75 cis:trans isomer ratio) 10 mg/g

Therapeutic indications

Insectin is designed to combat ectoparasites invasion: fleas and ticks in dogs, lice and pigeon ticks in pigeons.

Contraindications

- Do not use in puppies aged less than 12 week.
- Do not use in lactating female dogs.
- Do not use in pigeons aged less than 1 month.
- Do not use in cats. The product may produce serious adverse reactions including death; therefore prevent cat's contact with the product. If dogs and cats are kept together, isolate cats for 72 hours from the end of the treatment. Make sure that cats do not lick the coat of a dog undergoing treatment. Should that occur, immediately seek advice of a veterinary doctor.
- Do not use in case of hypersensitivity to the active substance or any excipient.

Adverse reactions

Dogs rarely experience undesirable side effects such as excessive drooling, vomiting, diarrhoea, moderate muscular tremor and hyperactivity transforming into depression.
Birds are mildly susceptible to permethrin. Undesirable effects related to stimulation of the nervous system appear extremely rarely.
Any adverse reactions emerged after administration of the product or any observed symptoms not listed in the leaflet (including symptoms reported in humans following exposure to the product) should be reported to the competent veterinarian, Marketing Authorisation Holder or the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products. The report form should be downloaded from http://www.urpl.gov.pl (Department of Veterinary Medicinal Products).

Posology per each species, routes and methods of administration

Small dog: 5-10 g
Medium-sized dog: 10-15 g
Big dog: 15-20 g
Pigeon: 1-2 g
10 applications – drops from an inverted container mean application of 2.5-3.0 g of the product on skin.

Recommendations for proper administration

Apply the product externally to the skin.
Sprinkle the entire animal body with the powder, setting the hair or feathers apart to reach the skin. Avoid sprinkling eye, ear, nose and muzzle area with the powder. Leave the product for a few hours, next brush out the coat.
Exchange animal bedding after each treatment procedure. Repeat the procedure after 2-3 weeks.

Withdrawal period

Dog – not applicable.
Do not use in pigeons intended for human consumption.

Special precautions for storage

Keep out of the sight and reach of children.
Store in a dry place, at a temperature below +25°C.
Keep away from food for people and feed for animals. Do not use this veterinary medicinal product after the expiry date given on the label.
The expiry date refers to the last day of that month.

Special warnings

Special warnings per each target species:

For external use only.
Do not rub the product into animal skin.
For the most effective flea elimination, it is recommended to use a proper insecticide in dog's place of stay (bedding, kennel disinfection, etc.). In addition, combating fleas in all animals kept together at the same time is recommended.

Special precautions for use in animals:

Do not allow animals to lick the product off.
During the procedure, protect eyes of the animals.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

The procedure should be performed outside the accommodation. Avoid excessive dusting and inhalation of the product. During procedures, use generally accepted precautions for handling insecticides; in particular, the use of protective gloves and masks is recommended. Avoid contact with eyes. After the procedure, wash hands thoroughly. In case of accidental contact with the skin or mucous membranes, immediately flush the affected site with pure water. Protect children from contact with the product and with animals undergoing treatment. Do not allow animals treated with the product to play with humans, especially children, until the product has been removed from body surfaces.
Individuals with a diagnosed hypersensitivity to permethrin should avoid contact with the veterinary medicinal product.

Other precautions:

Do not allow dogs undergoing treatment to immerse themselves in water bodies for at least three weeks after product administration.

Pregnancy and lactation:

Do not use the product in pregnant and lactating animals.

Egg laying:

Do not use the product during egg laying period.

Interactions with other medicinal products and other forms of interaction:

Unknown.

Overdose (symptoms, procedures concerning immediate help and antidotes):

In case of overdose, intensive symptomatic treatment should be applied, as no specific antidote has been developed. Administration of tranquilizers, anticonvulsants (diazepam, pentobarbital, propofol) and muscle relaxants is recommended. Replenish the liquids by administration of crystalloids (sodium

chloride physiological solution or multi-electrolyte solution). It is also recommended to bathe the poisoned animal in tepid water with addition of soft detergents, in order to wash any permethrin residues off the skin.

Pharmaceutical incompatibilities:

Since no studies of the conformity of this veterinary medicinal product have been conducted, this product must not be combined with other medicinal veterinary products.

Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products

Veterinary medicinal product extremely toxic for bees, fish and crustaceans. Medicines should not be disposed of via wastewater or household waste.
Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Other information

For more information about this veterinary medicinal product, contact the Marketing Authorisation Holder.

Available containers

50 g

Shelf life

2 years

Product available on non-prescription basis – OTC.
For use by the owner or the carer of the animal.

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Mycosalmovir®

Inactivated vaccine against salmonellosis, paramyxovirosis and mycoplasmosis of pigeons

Emulsion for injection for pigeons

Active substance and excipient content

1 dose of the vaccine (0.2 ml) contains:
inactivated PMV-1 (La Sota strain) no less than 1 ELISA unit,
inactivated *Mycoplasma gallispeticum* cells no less than 1 ELISA unit
inactivated Salmonella cells (serotypes: *S.typhi, S. paratyphi A, S. paratyphi C, S. typhimurium var. Copenhagen, S. anatum, S. senftenberg*) no less than 1 ELISA unit for each serotype.
1 ELISA unit – the quantity of antigen sufficient to obtain seroconversion equal to or higher than 1.8 in a vaccinated pigeon.

Adjuvant

Montanide ISA 763 A VG 0.14 ml

Therapeutic indications

Active immunisation of pigeons in order to reduce mortality and clinical symptoms of salmonellosis, mycoplasmosis and paramyxovirosis in pigeons.
The postvaccinal immunity occurs approx. 21 days after revaccination and remains for approximately 12 months.

Contraindications

Do not use in weak, verminous and sick birds. Do not use in moulting pigeons.

Adverse reactions

Rarely reported adverse reactions are temporary lack of appetite and apathy occurring within several hours after administration of the preparation and a temporary local reaction in the form of a small tuber.
Any adverse reactions emerged after administration of the product or any observed symptoms not listed in the leaflet (including symptoms reported in humans following exposure to the product) should be reported to the competent veterinarian, Marketing Authorisation Holder or the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products. The report form should be downloaded from http://www.urpl.gov.pl (Department of Veterinary Medicinal Products).

Amount to be administered per species, method and route of administration

The dose for one pigeon is 0.2 ml of the oil emulsion which should be injected subcutaneously in the middle of the neck. The vaccine is used in pigeons from the age of 3-4 weeks. The basic vaccination of young pigeons not immunised against salmonellosis, paramyxovirosis and mycoplasmosis includes two injections at a four-week interval. The vaccination should be planned in such a way that the second administration of the vaccine does not take place later than three weeks before migration. Vaccination of adult pigeons which were immunised with Mycosalmovir several times should be conducted annually 2-3 weeks before mating and exhibitions.

Instructions for use

Sterile needles and syringes ought to be used for vaccinations. Warm containers with the vaccine to room temperature after taking them from a refrigerator and mix the content thoroughly before beginning the procedures. During the vaccination procedure, mix the content of the container regularly. Conduct the procedures at an ambient temperature not lower than 0°C. Once the container is opened, the product cannot be stored and used again.

Withdrawal period

Zero days.

Special precautions for storage

Keep out of the reach and sight of children. Store in a refrigerator (2-8°C). Do not freeze. Protect from light. The durability period after the first opening of the immediate container: 10 hours. Do not use the veterinary medicinal product after the expiry date stated on the label. The expiry date refers to the last day of the given month.

Special warnings

Special precautions to be taken by the person administering veterinary medicinal product to animals: In the case of accidental self-injection, immediately seek medical advice even if only a small dose of the product has been injected and show the package leaflet to the physician. If the pain remains longer than 12 hours after medical aid is provided, consult the physician again.

Laying period:

The vaccine should not be used during the laying period.

Interactions with other medicinal products or other forms of interactions:

There is no information concerning safety and efficiency of the vaccine used in combination with other medicinal veterinary products. Therefore, the decision to use this vaccine before or after the administration of another medicinal veterinary product should be considered individually.

Overdose (symptoms, emergency procedures, antidotes):

After administration of a double dose, no other adverse effects occurred than those specified in the section concerning adverse effects.

Pharmaceutical incompatibilities:

Since no studies of the conformity of this veterinary medicinal product have been conducted, this product must not be combined with other medicinal veterinary products.

Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products

Medicines should not be disposed of via wastewater or house hold waste. Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Other information

For more information about this veterinary medicinal product, contact the Marketing Authorisation Holder.

Size of the container

50 doses, 100 doses

Shelf life

18 months

Only for animals.

Prescription-only-medicine.

For administration only under the supervision of a veterinary surgeon.

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PM – VAC®

Inactivated vaccine against paramyxovirosis of pigeons
Emulsion for injection for pigeons

Active substance and excipient content

One dose (0.2 ml) of the vaccine contains:
Inactivated PMV-1 (Lasota strain) – no less than 1 ELISA unit
1 ELISA unit – the quantity of antigen sufficient to obtain seroconversion equal to or higher than 1.8 in a vaccinated pigeon

Adjuvant

Liquid paraffin – 109 mg

Therapeutic indications

The vaccine is intended for active immunisation of pigeons in order to reduce mortality, clinical symptoms and pathological lesions induced by paramyxovirus
Postvaccinal immunity occurs 21 days after immunisation and remains for approximately 12 months.

Contraindications

Verminous pigeons should not be vaccinated as well as pigeons in the moulting period. Do not use in pigeons treated with immunosuppressive agents.

Adverse reactions

Rarely reported adverse effects are temporary lack of appetite and apathy occurring within several hours after administration of the product and a temporary local reaction in the form of a small tuber that spontaneously disappears within several days.
Hypersensitivity reactions might occasionally occur. Proper treatment consisting in immediate administration of adrenaline and antihistamine drug should be applied in this case.
Any adverse reactions emerged after administration of the product or any observed symptoms not listed in the leaflet (including symptoms reported in humans following exposure to the product) should be reported to the competent veterinarian, Marketing Authorisation Holder or the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products. The report form should be downloaded from http://www.urpl.gov.pl (Department of Veterinary Medicinal Products).

Posology for each species, route and method of administration

The vaccine should be administered in a single subcutaneous injection.

1 dose equals to 0.2 ml of oil emulsion. The vaccine is used in young pigeons aged over three weeks, but not later than two weeks before flights of the young or exhibitions.Adult pigeons should be immunised every 12 months. The preferable time for vaccinations is the period of two-three weeks before mating. The dose for one pigeon, regardless of the age, is 0.2 ml of the oil emulsion which should be injected subcutaneously in the middle of the dorsal part of the neck.

Recommendations for proper administration

Before administration, the phial with the vaccine should be warmed to room temperature and mixed thoroughly. Administration procedures should be performed at an ambient temperature not lower than 0°C. Annual re-vaccination of the birds is recommended.

Withdrawal period

Zero days.

Special precautions for storage

Keep out of the reach and sight of children. Store in a refrigerator (2-8°C). Do not freeze. Protect from light. The content of the immediate container should be used within 10 hours after opening. Do not use the veterinary medicinal product after the expiry date stated on the label. The expiry date refers to the last day of the given month.

Special warnings

Special precautions for persons administering the medicinal veterinary product to animals:

For the user:

This medicinal veterinary product contains mineral oil. Accidental self-injection may cause excessive pain and swelling, especially when injected into a joint or a finger, and in rare cases may lead to the loss of the finger if immediate medical aid is not provided. In the case of accidental self-injection of the medicinal veterinary product, immediately seek medical advice even if only a small dose of the product has been injected and show the package leaflet to the physician. If the pain remains longer than 12 hours after medical aid is provided, consult the physician again.

For the physician:

This medicinal veterinary product contains mineral oil. Even if only a very small dose of the product has been injected, it may cause excessive pain and swelling and, in consequence, digital infarct or even a loss of the finger. Professional and IMMEDIATE surgical aid involving early incision and irrigation of the injection site, especially if it concerns the digital pulp or the tendon, is indispensible.

Laying period:

The vaccine should not be used during the laying period.

Interaction with other medicinal products and other forms of interaction:

There is no information concerning safety and efficiency of the vaccine used in combination with other medicinal veterinary products. Therefore, the decision to use this vaccine before or after administration of another medicinal veterinary product should be considered individually.

Overdose (symptoms, procedures concerning immediate help and antidotes):

After administration of a double dose, no other adverse effects occurred than those specified in the section concerning adverse reactions.

Pharmaceutical incompatibilities:

Since no conformity studies of this veterinary medicinal product have been conducted, this product must not be combined with other medicinal veterinary products.

Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products

Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Shelf life

18 months

Available containers

20 ml glass bottle containing 100 vaccine doses, closed with a bromobutyl rubber stopper and secured with an aluminium cap, packaged single in a cardboard box.

For animal treatment only.
Subject to medical prescription – prescription drug.
To be administered under veterinary supervision.

Other information

For more information about this veterinary medicinal product, contact the Marketing Authorisation Holder.
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www.biowet.pl

Salmovir®

Inactivated vaccine against salmonellosis and paramyxovirosis in pigeons
Emulsion for injection for pigeons

Active substance and excipient content

1 dose of the vaccine (0.2 ml) contains: inactivated PMV-1 (La Sota strain) no less than 1 Elisa unit, Inactivated *S. typhi, S. paratyphi A, S. paratyphi C, S. typhimurium var Copenhagen, S. anatum, S. senftenberg*) cells no less than 1 ELISA unit for each serotype. 1 ELISA unit – the quantity of antigen sufficient to obtain seroconversion equal to or higher than 1.8 in a vaccinated pigeon

Adjuvant:

Montanide ISA 763 A VG 0.14 ml

Therapeutic indications

Active immunisation of pigeons in order to reduce mortality and clinical symptoms of salmonellosis and paramyxovirosis in pigeons.
The postvaccinal immunity occurs approx. 21 days after revaccination and remains for approximately 12 months.

Contraindications

Do not use in weak, verminous and sick birds. Do not use in moulting pigeons.

Adverse effects

Rarely reported adverse effects are temporary lack of appetite and apathy occurring within several hours after administration of the product and a temporary local reaction in the form of a small tuber. Any adverse reactions emerged after administration of the product or any observed symptoms not listed in the leaflet (including symptoms reported in humans following exposure to the product) should be reported to the competent veterinarian, Marketing Authorisation Holder or the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products. The report form should be downloaded from http://www.urpl.gov.pl (Department of Veterinary Medicinal Products).

Amount to be administered per species, method and route of administration

The dose for one pigeon is 0.2 ml of the oil emulsion which should be injected subcutaneously in the middle of the neck.
The basic vaccination of young pigeons not immunised against salmonellosis and paramyxovirosis includes two injections at a four-week interval. The first vaccination should be performed in the third-fourth week of life and the successive vaccination no later than three weeks before migration.
Vaccination of adult pigeons which were immunised with Salmovir many times should be conducted annually 2-3 weeks before mating and exhibitions.

Instructions for use

Sterile needles and syringes ought to be used for vaccinations. Warm containers with the vaccine to room temperature after taking them from a refrigerator and mix the content thoroughly before beginning the procedures. During the vaccination procedure, mix the content of the container regularly. Conduct the procedures at an ambient temperature not lower than 0°C. Once the container is opened, the product cannot be stored and used again.

Withdrawal period

Zero days.

Special precautions for storage

Keep out of the reach and sight of children. Store in a refrigerator (2-8°C). Do not freeze. Protect from light. The content of the immediate container should be used within 10 hours after opening.
Do not use the veterinary medicinal product after the expiry date stated on the label. The expiry date refers to the last day of the given month.

Special warnings

Special warnings per target species:

Only vaccinate healthy animals.

Special warnings

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

To the user:

This veterinary medicinal product contains mineral oil. Accidental injection/self-injection may result in severe pain and swelling, particularly if injected into a joint or finger, and in rare cases could result in the loss of the affected finger if prompt medical attention is not given. If you are accidentally injected with this product, seek prompt medical advice even if only a very small amount is injected and take the package leaflet with you. If pain persists for more than 12 hours after medical examination, seek medical advice again.

To the physician:

This veterinary medicinal product contains mineral oil. Even if small amounts have been injected, accidental injection with this product can cause intense swelling, which may, for example, result in ischaemic necrosis and even the loss of a digit. Expert, PROMPT, surgical attention is required and may necessitate early incision and irrigation of the injected area, especially where there is involvement of finger pulp or tendon.

Laying period:

The vaccine should not be used during the laying period.

Interactions with other medicinal products or other types of interactions:

There is no information concerning safety and efficiency of the vaccine used in combination with other medicinal veterinary products. Therefore, the decision to use this vaccine before or after administration of another medicinal veterinary product should be considered individually.

Overdose (symptoms, emergency procedures, antidotes):

After administration of a double dose, no other adverse effects occurred than those specified in the section concerning adverse reactions.

Pharmaceutical incompatibilities:
In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

Special precautions for the disposal of unused veterinary medicinal product or waste materials derived from the use of such products
Medicines should not be disposed of via wastewater or household waste. Ask your veterinary surgeon how to dispose of medicines no longer required. These measures should help to protect the environment.

Size of the container
20 doses, 50 doses, 100 doses.

Shelf life
18 months
Durability after the first opening: use within one day.

For animal treatment only.
Subject to medical prescription – prescription drug
To be administered under veterinary supervision.

Other information
For more information about this veterinary medicinal product, contact the Marketing Authorisation Holder.
Marketing Authorisation Holder:
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